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Title word cross-reference

3 [FV14]. $^+$ [BP11]. $^-$ [BP11]. $E = mc^2$ [Bou13]. e^+e^- [BW22]. H [Bad11, vN10]. Λ [Nov18]. p [DJ13]. q [DJ13]. Υ [SM11]. W [Tan16].

-theorem [Bad11, vN10].

1911 [Str11]. **1920s** [CDM22, PP16]. **1953** [Cro11]. **1957** [Fre10]. **1960s** [CDM22]. **1966** [Ell14]. **19th** [BLR20, Sch14b].

20th [BLR20, DFP18].

51 [CB15].

60 [Kik18]. **60-year-old** [GK23]. **60s** [Sch10].

70s [Sch10]. **76** [FBB14].

81 [PMG23].

abandoned [OMNM14]. **abstract** [Bor13]. **abundances** [Tri10]. **accelerator** [DLL19]. **accelerators** [Sch12]. **achieve** [Kik18]. **achievements** [BW22, Haa10b]. **across** [Nar18]. **action** [Ish17, PB17]. **Adams** [Ell14]. **after** [Des18, ZLK11]. **against** [Hel21]. **age** [Tip13]. **air** [Dah15, KW12]. **Alder** [BC18]. **algebra** [Pie11]. **algebras** [Fre10, Haa10b]. **allgemeinen** [Ein31]. **almost** [FV14]. **Alpher** [AM23]. **American** [RBM14]. **amplifier** [dDD+19]. **Analysis** [PB17, BH17, OM14, OM22, PAP21]. **Anatoly** [GK23]. **angle** [DLL16]. **Anglo** [RBM14]. **Annotation** [FBB14]. **anode** [Dit16]. **anti** [Dit15b]. **anti-Dirac** [Dit15b]. **antiproton** [Rub12]. **antiquity** [Lev16]. **application** [CM12]. **applied** [RMS21]. **approach** [BR13]. **approaches** [Sal22]. **approximation** [Ste16]. **Arguments** [Hel21]. **Arrhenius** [Kra13a]. **Aspects** [Gal13]. **assumption** [Fic13]. **assumptions** [Kre15]. **astrometry** [Per12]. **Astronomer** [RBM14]. **astronomy** [LW12, Spi12b]. **astrophysical** [NHK+22]. **astrophysics** [Bon17, KKS12, MC18]. **asymptotic** [Haa10a]. **atom** [Eck14]. **Atomic** [Cro11, Bai13, GS22, Kra11]. **atoms** [Hol21]. **attempt** [Sch19, Sch20]. **Attempts** [JN14, La 22]. **axiom** [Haa10a].

b [CB15]. **back** [Haa10b]. **Bagnères** [Cro11]. **Balmer** [Som14b]. **Bang** [Pee14]. **Bartoli** [BLR20]. **based** [Dua12]. **basis** [vS21]. **be** [Sch19, Sch20]. **beam** [CM12]. **beams** [DLL19, Per16]. **became** [Sch19, Sch20]. **before** [Bon17, Tri10]. **beginning** [MC18]. **beginnings** [DB14]. **behavior** [GLTZ10]. **Berni** [BC18]. **Bethe** [FBB14]. **between** [BLR20, Dar23, DD13, Hol21, PMG23, Rad13, Sch19, Sch20]. **Beyond** [dA22, LJ15]. **Beziehungen** [PMG23]. **Big** [Pee14]. **Bigorre** [Cro11]. **binary** [Ken17]. **Binder** [Mar19]. **biochemistry** [MRC22]. **Birkeland** [Kra13a]. **Birth** [Cro11, Piz16, Eck10, Fre10]. **blackboards** [VT22]. **blossoming** [LR20]. **bodies** [SKL14]. **Bohr** [Eck14, Kra11, PP16]. **Boltzmann** [Bad11]. **Bonn** [Pau13]. **boson** [Bor15]. **Bothe** [Fic13]. **boundary** [Hol21]. **bounds** [MP13]. **Braking** [Bet14, FBB14]. **branches** [Kre11]. **Bremsformel** [Bet32]. **bridge** [Sch19, Sch20]. **bridge-building** [Sch19, Sch20]. **brief** [CDM22, Des18, JN14]. **Brownian** [Gen20]. **Bruno** [BP11]. **Bryce** [BH17]. **bubble** [Per16]. **building** [Sch19, Sch20].

ca [Kra16]. **campaign** [Sch14b]. **canonical** [RB15]. **career** [TS19]. **Cartan** [Sch20, Sch19]. **case** [BLR20, CD11, PI22]. **Cauchy** [FV14]. **caused** [HS16]. **centenary** [dA22]. **centennial** [OONM17]. **centre** [RMD23]. **centuries** [BLR20]. **Century** [Nov18, Bor13, DFP18, Haa10c, Sch14b]. **CERN** [Hüb12, Per16, Pla12, Ric12, Sch12]. **certain** [PMG23]. **chamber** [Per16].

Chandra [RBM14]. **chaos** [Esc18]. **charged** [SKL14]. **Charles** [Joh20]. **Charm** [MB17a, Dor12]. **chemical** [Tri10]. **Clarifying** [DD13]. **Classical** [SKL14, GG19, Hel21, Kre15, LJ15, PP19, PMG23, vS21]. **cofounder** [Dit15a]. **collaboration** [AM23]. **collaborative** [SGD20]. **collapse** [Alm20]. **College** [Rob19]. **collider** [BW22, BP11, Tan18]. **colliders** [Ric12, Rub12]. **commitment** [Haa10c]. **Como** [Mar19]. **compact** [Bon17]. **composite** [Haa10a]. **Computational** [Mar18, LH19, MRC22, SGD20]. **computers** [Hol21]. **concept** [Fre10, Gen20, GS22]. **Conceptual** [Kra11]. **condensed** [DB14, Kar22]. **conditions** [Kre15]. **Conference** [Cro11]. **confinement** [HM18, Wag18]. **Congress** [Str11]. **Connection** [RBM14]. **constant** [Fra13, JN14, OONM18]. **constrained** [SS17]. **Constructive** [Shl12]. **contemporary** [FGV17]. **context** [LR20]. **continued** [Pla12]. **continuum** [Hol21]. **Contour** [DPP$^+$12]. **contributed** [Tan18]. **contributions** [Sch10]. **controversy** [GK23, Ken17]. **conundrum** [Hic12, Sch13]. **conversion** [Nus14]. **cooling** [CM12]. **coordinates** [Nie22]. **Copenhagen** [BH17]. **Corbino** [BLR20]. **cornerstone** [Kre15]. **Correction** [HMS23a, OM22, IN16]. **correspondences** [PP16]. **Cosmic** [Cro11, Spi12a, CD11, KW12, Mül12, OM14, OM22, WW12]. **cosmical** [Kra13a]. **cosmogonies** [Kra13a]. **Cosmological** [Ein31, AM23, OONM18]. **cosmology** [Hel21, Nar18, OONM15, VT22]. **cosmos** [OMNM14, OONM15]. **Cosserats** [Sch20, Sch19]. **CP** [Cro12]. **CPT** [BdV22]. **credible** [Ste16]. **criteria** [Shl12]. **critical** [Ble12, SM11]. **criticality** [Mar19]. **crystals** [SCS22]. **cultural** [Ben10]. **Curie** [Rad13]. **current** [Pie11]. **curvature** [Sch19, Sch20].

D [FV14]. **dark** [OONM18]. **Darwin** [Joh20]. **dawn** [Fic13]. **day** [Lev16]. **days** [Pic12]. **death** [dA22]. **decades** [Nar18]. **decelerated** [HS16]. **dedicated** [TWZ19]. **Definitions** [MPP$^+$12]. **deflection** [Sch14a]. **Department** [Dor13]. **detectors** [Piz16]. **determination** [JN14]. **determine** [Sch14b]. **determinism** [vS21]. **deterministic** [vS21]. **detonation** [Kre11]. **develop** [TWZ19]. **development** [Ina15, NHK$^+$22, Pla12, Tan18, Wei21, ZLK11]. **developments** [Piz16]. **DeWitt** [BH17]. **diagrams** [Dar19]. **Dicke** [Pee17]. **different** [CM12]. **Dirac** [Dit15b, PI22]. **Direct** [Mül12]. **discipline** [Goe17]. **discovered** [Smi13]. **Discovery** [Pee14, AK11, CD11, CB15, Cro12, Eck12, Pen13, Per14, Söd10, Ste16, SM11]. **Discussion** [Haa10a, Rad13]. **dispersion** [Joh20, LL14, Tal20]. **dissipation** [Dar23]. **do** [Kra11]. **dozen** [Iof13]. **Dynamical** [GS12]. **dynamics** [FGV17, Kar22, MRC22, SS17]. **Dyson** [Ble12].

E. [Rad13, Sch19, Sch20]. **Early** [Bai13, LJ15, Mar18, Per16, WW12, Bad11, Bor15, Haa10b, Kra13b, PP16, Per13, PAP21, Pie11, TS19]. **Editorial** [Bei10, BG14, BGLR17, DFP18]. **effect** [Eck12, Smi13]. **effective** [Wei21]. **effects** [Roc23]. **Ehrenfest** [PP16]. **einige** [PMG23]. **Einstein**

[BGLR17, Sch20, Nus14, OM14, OMNM14, OONM15, OONM17, OOM21, OM22, Sau19, Sch19, Sch13, VT22]. **Elections** [Bet32]. **electrodynamics** [Dar19]. **electromagnetic** [SKL14]. **Electron** [Ric12, Pel12]. **Electrons** [FBB14, Bet14, Kra11]. **Elektronen** [Bet32]. **elements** [AM12, Kra13b, PI22, Tri10]. **emergence** [Kre11, MRC22]. **end** [CDM22, HMS23a, HMS23b]. **energy** [KW12, Kra16, LW12, Mas14, OONM18, Spi12b, TWZ19]. **engineering** [Kre11]. **enhancement** [CM13]. **ensemble** [Ina15]. **entanglement** [Dua12]. **entropies** [DD13]. **episode** [Pen13]. **equation** [FV14]. **equations** [Dar10]. **Equilibrium** [Gal16, Alm20, LJ15]. **era** [HMS23a, HMS23b, MC18]. **ergodic** [vN10]. **Ergodicity** [Gal16]. **Erratum** [Sch20, Zag13]. **erroneous** [Ste16]. **Essay** [Ell14]. **estimation** [Bis15]. **ether** [Dar10]. **Euler** [Bis15, FV14]. **EUROGRAV** [La 22]. **European** [Reb18, La 22]. **ever** [vS21]. **Everett** [Wu21]. **everything** [Sin12]. **evolution** [Nar18]. **examples** [Kar22]. **exemplifies** [Mou13]. **existence** [MPP+12]. **Exoplanets** [MC18]. **expanding** [Nus14]. **experience** [CB15]. **experiment** [BW22, KKS12, Per13, SBSL+16]. **experimental** [AM12, Pau13, Pee17]. **experiments** [Dor13, Dua12, Per16, Piz16, Sch12, Tan18, TWZ19]. **exploration** [LJ15]. **Exploratory** [DeW17]. **Exploring** [Hol21]. **extended** [Eck14, LJ15, SKL14]. **Extensive** [KW12].

facets [DM11, Mou13]. **fast** [HS16]. **Father** [RMS21, BP11]. **favorite** [GS22]. **Felici** [BLR20]. **Fermi** [GS22, PI22, Zag11, Zag13]. **few** [Pic12]. **Feynman** [Dar19, Zeh11, dDD+19]. **field** [ABR23, Dar19, DeW17, Dit15a, DM11, Fic13, GG19, Haa10a, Sau19, Sch10, Sch11, Wei21]. **field-less** [Dar19]. **fields** [MPP+12, Ros17]. **fifth** [Fis15]. **fight** [Kik18]. **figure** [GS22]. **fin** [Kra13a]. **fin-de-siècle** [Kra13a]. **fine** [JN14, Som14a]. **fine-structure** [JN14]. **first** [Des18, Iof13, JN14, LR20, La 22, Sch14a, Ste16, Str11, Tal20]. **fission** [Kra14, Ste16]. **flatness** [Hel21]. **Florentine** [CDM22]. **flow** [FV14]. **fluctuation** [Dar23]. **fluid** [Cra12, FGV17]. **fluids** [Bis15, VR17]. **force** [Fis15, SKL14]. **forgotten** [FH22, FV14, OM14, OM22]. **formative** [Kon20]. **Formula** [FBB14, Bet14, Ken17]. **formulation** [FV14]. **formulations** [SKL14]. **Förster** [Mas14]. **foundational** [Sch13]. **foundations** [DJ13]. **fountain** [Bis15]. **four** [Mou13]. **Fractals** [IN16]. **France** [LH19]. **free** [Kra11, Pel12]. **free-electron** [Pel12]. **French** [LPA18]. **frequency** [Lev16]. **FRET** [Mas14]. **friction** [Bis15]. **Fritz** [Bou13]. **frontline** [BT21]. **full** [Kar14]. **function** [Wu21]. **funding** [TWZ19]. **Fürth** [PMG23]. **fusion** [Esc18, Kik18].

G [RBM14]. **galactic** [Mül12]. **Galton** [Joh20]. **gamma** [LW12, Spi12a]. **gamma-ray** [LW12]. **Gamow** [AM23]. **General** [Goe17, Rob19, SS17, Sal22, VR17, Ein31]. **genesis** [Blu14, BdV22, RMD23, RB15]. **geography** [Des18]. **geometry** [Ben10, Haw14]. **Geon** [Ric18]. **George** [AM23]. **Gerlach** [SBSL+16].

German [Bet32, Ein31]. **Germany** [Goe17]. **Geschwindigkeit** [Bet32]. **GeV** [SM11]. **Gibbs** [MPP+12]. **gluon** [AK11, Söd10, SM11]. **Gravitation** [BGLR17, Rob19, Goe17]. **Gravitational** [La 22, Alm20, DeW17, Piz16, Roc23]. **Gravity** [PR18, BH17, Pee17]. **group** [Ble12]. **growth** [Goe17]. **Gullstrand** [Nie22].

Hacking [Sch15]. **hadron** [Tan18]. **Hahn** [Ste16]. **half** [Haa10c]. **Hamilton** [Sal22]. **Hamiltonian** [Esc18, SS17]. **Hankel** [FGV17, VR17]. **Hans** [FBB14, SCS22]. **happened** [Pee14]. **hard** [Tan18]. **hard-scattering** [Tan18]. **Hasenöhrl** [Bou13]. **Hawking** [Ell14]. **Heidelberg** [Wei15]. **heights** [Bis15]. **Heinrich** [dA22]. **heritage** [GK23]. **Hermann** [FGV17, VR17]. **heuristic** [Fic13]. **hierarchical** [Ble12, Ble12]. **Higgs** [Bor15, SZ12]. **high** [KW12, LW12, Spi12b, TWZ19]. **high-energy** [KW12, Spi12b, TWZ19]. **Historical** [OOM21, AK11, Dor12, Gal16, JN14, KW12, LPA18, vS21]. **History** [CM12, DLL19, Eck12, RD11, Bad11, BCT21, BW22, CDM22, Dar23, Des18, Fis15, Gen20, GS22, Hol21, IN16, Iof13, Kik18, LJ15, Lev16, MAE+19, Pel12, Per14, Per12, Pie11, Sal22, Wag18, WW12, Bil13]. **honor** [DS10]. **hot** [LPA18, Pee14]. **Hughes** [Eck12]. **Hugoniot** [Kre15]. **hundred** [BT21, OONM18]. **hydrodynamic** [Eck10]. **Hydrogen** [Som14a]. **Hydrogen-like** [Som14a]. **hypothesis** [Kra16, Tri10].

ideal [Kre15]. **illuminated** [Lor19]. **image** [vS21]. **impact** [AK11]. **implanted** [Kar14]. **important** [Kre15]. **improved** [Wag18]. **incompressible** [FV14]. **Inconsistency** [Zag11, Zag13]. **Indian** [RMS21]. **Indistinguishable** [PI22]. **Inertia** [Lan14, Pfi14]. **infinitely** [GS12]. **infrared** [dA22]. **initial** [Piz16]. **insomnia** [Bad11]. **institutional** [Ben10]. **integration** [Sch12]. **interactions** [Dor12, DLL16, LPA18, Per16]. **Interferometric** [La 22]. **Internal** [Kar22]. **international** [Sch12, Sch14b]. **internationalism** [CD11]. **interpretation** [RD11, Tal20, Zeh11]. **Intersecting** [Hüb12]. **interview** [SD18]. **intriguing** [dDD+19]. **introduction** [BGLR17, DFP18]. **inverse** [BT21]. **Ireland** [Ben10]. **irradiation** [HS16]. **irreversible** [LJ15, MW12]. **Ishiwara** [PB17]. **Ising** [FH22]. **isotopes** [HS16]. **ISR** [Hüb12]. **issue** [BGLR17, DFP18]. **Italian** [BLR20, LR20]. **Italy** [LR20]. **ITEP** [Iof13]. **ITER** [PAP21]. **IUCAA** [RMD23].

Jack [Tse12]. **Jacobi** [Sal22]. **JADE** [BW22]. **James** [DS10, Dar10, Spe10]. **Japanese** [Kik18]. **JET** [Reb18, Bis15]. **jets** [AK11, AK11]. **Joint** [Reb18]. **Jordan** [Dit15a, DJ13, Sch11, Sch13]. **Jorge** [Sch10]. **journey** [ZLK11]. **JT** [Kik18]. **JT-60** [Kik18]. **jump** [Kre15]. **Jun** [PB17].

Kamiokande [KKS12]. **Kaplan** [NHK+22]. **Kelvin** [Cra12, Tip13]. **King** [Rob19]. **klassischer** [PMG23]. **known** [Sch19, Sch20]. **Korcak** [IN16].

Korcak-law [IN16]. **Kosmologischen** [Ein31]. **Kubo** [Kon20]. **Kurt** [Mar19].

LAA [TWZ19]. **Laboratories** [Eck12]. **Laboratory** [Iof13]. **Ladenburg** [Tal20]. **Lagrange** [Gal13]. **Lagrangian** [FV14, FGV17]. **land** [Mar19]. **Lange** [Pfi14]. **large** [Kik18]. **laser** [ZLK11]. **lasers** [Pel12]. **late** [Bor13]. **lattice** [MPP+12]. **law** [IN16, Lan14, Pfi14]. **legacy** [Gal13, Sch11]. **Léon** [SS17]. **LEP** [Mye12, Pic12, SZ12, Tse12]. **less** [Dar19]. **LHC** [MB17b, SZ12]. **LHCb** [BCT21]. **life** [LB17]. **Light** [Lor19, RBM14, ABR23, FK19, Roc23]. **like** [Som14a]. **Lille** [Fre10]. **limit** [Kra13b]. **lines** [Som14a]. **link** [DD13]. **liquid** [SCS22, Tan18]. **Local** [Haa10b, Fre10, Haa10a, LJ15, Sch13]. **London** [Rob19]. **Long** [GLTZ10, Mar19, ZLK11]. **Long-time** [GLTZ10]. **longitude** [Sch14a]. **look** [FGV17, Haa10b]. **Lord** [Cra12]. **Lorentz** [PP19]. **Lorenz** [FK19]. **lower** [MP13]. **Ludvig** [FK19]. **Ludwig** [Pfi14]. **Luis** [GG19]. **Lviv** [NHK+22].

MacCullagh [Ben10, DS10, Dar10, Spe10]. **macroscopic** [GLTZ10]. **Made** [Com29]. **magic** [Dar19]. **magnetic** [ABR23]. **magnetocaloric** [Smi13]. **magnetrons** [Dit16]. **many** [CM12, GS12]. **mass** [Bor15]. **Masters** [BLR20]. **mathematical** [Haa10c, Ble12, DPP+12, GS12, MPP+12, Shl12, Sin12]. **mathematics** [LL14, RMS21]. **matter** [DB14, Kar22]. **Maxwell** [Dar10]. **meaning** [Ish17, PB17]. **Measurement** [DLL16, BR13, Fra13, Sch14a]. **measurements** [Dua12, RD11]. **mechanical** [Bai13]. **Mechanics** [Mar18, BR13, Cra12, LR20, LB17, LH19, MRC22, PMG23, vN10, Gal13]. **Mechanistic** [Bad11]. **meeting** [BH17]. **Memories** [TS19, Tse12, Pic12]. **mentor** [AM23]. **metals** [Kar14]. **meteoric** [Kra16]. **microscopy** [CM13]. **Millikan** [Fra13]. **Mind** [DJ13]. **mineral** [SCS22]. **missed** [Haa10b, Per13]. **mission** [Kik18]. **model** [Ble12, Eck14, FH22, OM14, OMNM14, OONM15, OONM17, OOM21, OM22]. **models** [Bai13, Ble12]. **modern** [Kre15, Nar18]. **Molecular** [SGD20, BC18]. **Moore** [BT21]. **Moscow** [Ble12, DPP+12, GS12, MPP+12, Shl12, Sin12]. **motion** [Gen20, VR17]. **muon** [Kar14]. **my** [TS19]. **mystery** [dDD+19].

N. [RMS21]. **naissance** [Pee17]. **name** [MUN23]. **names** [Kra14]. **Nationalism** [CD11]. **necessary** [Blu14]. **Neumann** [DD13, DJ13]. **neutral** [PAP21]. **Neutrino** [Bil13, Dor13, Dor12, DLL16, DLL19, KKS12, Per13, Per14, Per16, Spi12b]. **neutrinos** [Spi12a]. **neutron** [GS22]. **neutrons** [HS16]. **Never** [DJ13]. **nineteenth** [Bor13]. **Nonequilibrium** [Gal16]. **Nordic** [Kra13a]. **note** [PP19]. **Nuclear** [Wei15, Ric18, Ste16]. **numerous** [Kre11].

objections [Kra11]. **objects** [Bon17]. **oblateness** [RD11]. **observables** [Fre10, Sal22]. **observations** [Mül12]. **Observatory** [La 22]. **old** [GK23]. **One** [OONM18]. **ongoing** [Sch11, Sch13]. **open** [VT22]. **opening** [AM12].

operation [Mye12, Pla12]. **opportunities** [Haa10b]. **optical** [Dar10, Joh20, Tal20]. **organization** [HM18]. **origin** [Bor15, Dua12, KKS12, LH19, Nie22]. **origins** [PI22, Tri10]. **oscillations** [Per14]. **overview** [JN14]. **Oxford** [VT22].

P. [Rad13]. **Painlevé** [Nie22]. **paper** [Dit15b, FBB14, PMG23]. **paradigm** [AM12]. **parallax** [Sch14b]. **particle** [Bil13, BP11, Bor15, HMS23a, HMS23b, LPA18, Pau13, PAP21, WW12]. **particles** [Dor12, GS12, Haa10a]. **Pasadena** [Tri10]. **Pascual** [Dit15a, Sch11]. **past** [MW12]. **Paths** [Mas14]. **Paul** [RB15]. **Pauli** [Dit15b]. **pedestrian** [BR13]. **Peering** [Fri12]. **Pegasi** [CB15]. **pendulums** [Dah15]. **Penrose** [BT21]. **pentaquark** [Hic12]. **people** [Haa10c]. **perfect** [Tan18]. **periodic** [Kra13b]. **Perry** [Tip13]. **personal** [DB14, Fis15, Hol21, MB17b, Nar18, Pau13, Wei15]. **perspective** [Gal16, OONM15]. **PETRA** [BW22]. **phenomena** [Ble12]. **philosophical** [OOM21]. **photon** [Kra14]. **physicist** [BP11, Kon20, Ric18]. **Physics** [BLR20, Ble12, Cro11, DPP+12, Dor12, GS12, Iof13, MB17a, MPP+12, Shl12, Sin12, BT21, Ben10, Bor15, CDM22, DB14, DFP18, GS22, Haa10c, Kra13a, Kra14, Kre11, Kre15, Mou13, PP19, Pau13, Pee17, SD18, Sch13, TWZ19, TS19, WW12, Wei15, vS21, Dor13]. **Physik** [PMG23, FBB14]. **pioneering** [BC18, FGV17]. **Planck** [Fra13]. **plane** [Lor19]. **plasma** [HM18, Kra14, SD18, DFP18]. **plasmas** [LPA18]. **players** [DFP18]. **plus** [CB15]. **PLUTO** [SM11]. **point** [LPA18]. **polarisability** [MP13]. **polarization** [Dua12]. **portals** [VT22]. **positive** [Kar14]. **possible** [Blu14]. **prehistory** [PR18]. **presence** [ABR23]. **present** [Lev16, MW12, Sch10]. **principles** [JN14]. **Prize** [Ell14]. **probability** [Zag11, Zag13]. **Problem** [Ein31, BR13, Eck10, Hel21]. **problems** [Haa10c]. **processes** [MW12]. **produced** [Dor12]. **production** [HS16]. **project** [TWZ19]. **projects** [CM12, SGD20]. **Proof** [vN10]. **propagation** [Lor19]. **properties** [Haa10a]. **protégé** [AM23]. **protein** [MRC22]. **Proton** [Rub12, Fri12, Pla12]. **Proton-antiproton** [Rub12]. **Prout** [Tri10]. **PS** [Tse12]. **pseudopotential** [GS22]. **pulsar** [Ken17]. **pulsars** [Pen13].

QCD [AK11, Tan18]. **QED** [Dar19]. **quadrupole** [Ken17]. **Quantenmechanik** [PMG23]. **quantization** [DeW17, RB15, Ros17]. **Quantum** [PR18, Bai13, BH17, BR13, Dit15a, DM11, Dua12, DJ13, Fic13, GLTZ10, Ish17, Joh20, LR20, PMG23, PB17, PI22, Sch10, Sch11, Sch13, Sch15, Tal20, Zag11, Zag13, Zeh11, vN10]. **quark** [AK11, Per13]. **quarks** [Per16]. **question** [Ber20].

R [RMS21]. **R.** [PMG23, RBM14]. **radioactive** [Kra16]. **radium** [HS16]. **radius** [RD12]. **Ralph** [AM23]. **Raman** [Eck12]. **random** [MPP+12]. **Rankine** [Kre15]. **rapid** [ZLK11]. **rational** [Mou13]. **Ray** [Cro11, LW12, Pel12]. **rays** [CD11, KW12, Mül12, Spi12a]. **Real** [Ber20].

reality [Kre15]. **recollection** [Dor12, MB17b, Pau13, SM11]. **recollections** [Wei15]. **reference** [dDD+19]. **Reflections** [Mou13, OOM21]. **regimes** [Wag18]. **relation** [Dar23, Sch13]. **relations** [LL14, PMG23]. **Relativistic** [Bet32, FBB14, Bet14, Bon17, DM11]. **relativistischer** [Bet32]. **Relativitätstheorie** [Ein31]. **relativity** [Goe17, PP19, Rob19, Sal22, TS19, Ein31]. **relaxation** [Kar22]. **relevance** [Sch10]. **reliable** [Pla12]. **remarkable** [Per14]. **remembrance** [DB14]. **Renaissance** [BGLR17]. **renormalisation** [Ble12]. **report** [BH17]. **Research** [Eck12, BT21, DeW17, Kik18, NHK+22, RMD23, Sch10, Sch11, Sch13, Spi12a, Wag18]. **resistance** [Dah15]. **Resolution** [CM13]. **resonance** [Mas14]. **resonant** [Piz16]. **response** [dDD+19]. **results** [SM11]. **review** [AK11, AM23, Hel21, KW12, OONM15, OONM17]. **revisited** [OM14, OM22, SBSL+16]. **revival** [BW22]. **revolution** [Sch15]. **Rights** [RD12]. **Rings** [Hüb12]. **Roald** [SD18]. **Robert** [Pee17]. **Rome** [Dor13, DB14]. **roots** [LR20]. **Rosenfeld** [SS17]. **route** [Dar10]. **Routes** [Bor13]. **Rubens** [dA22]. **Rudolf** [Tal20]. **Russia** [SD18]. **Rutherford** [Rad13]. **Ryogo** [Kon20].

's [DJ13, BH17]. **Sagdeev** [SD18]. **Samuil** [NHK+22]. **Santaló** [GG19]. **Sapienza** [Dor13]. **scattering** [FK19, Tan18, Bet32]. **Schottky** [FH22]. **science** [CD11, Kre11]. **search** [Sau19]. **Searching** [SZ12, dDD+19, Piz16]. **seen** [Nar18]. **self** [HM18, SKL14]. **self-force** [SKL14]. **self-organization** [HM18]. **seminar** [Ble12, DPP+12, GS12, MPP+12, Shl12, Sin12]. **Sen** [RMS21]. **series** [Som14b]. **session** [DeW17]. **SETI** [Pen13]. **sheets** [Sau19]. **Shock** [Kre11, Kre15]. **showers** [KW12]. **siècle** [Kra13a]. **simulation** [BC18, SGD20]. **simulations** [MRC22]. **simultaneity** [PP19]. **Singularities** [Haw14]. **Sitter** [OONM15, OOM21]. **six** [Nar18]. **slumber** [Bad11]. **solar** [Kra16, RD11, RD12, Sch14b]. **Solvay** [Str11]. **Some** [Haa10c, Haa10b, Kar22]. **Sommerfeld** [Eck10, Eck14]. **source** [Kra16]. **space** [Ben10]. **spacetime** [Haw14, Ric18]. **special** [BGLR17, DFP18, PP19]. **speculations** [Kra13b, Kra16]. **Speed** [FBB14, ABR23, Bet14]. **sphere** [Lor19]. **spheres** [FK19]. **spin** [Blu14, Kar22]. **split** [Dit16]. **split-anode** [Dit16]. **spreading** [LR20]. **stability** [Eck10]. **started** [Sin12]. **State** [Ble12, DPP+12, GS12, MPP+12, Shl12, Sin12, OMNM14]. **states** [Zag11, Zag13]. **static** [Nus14, OONM17]. **Statistical** [Ble12, DPP+12, GS12, Mar18, MPP+12, Shl12, Sin12, Bad11, LB17, LH19, MRC22]. **statistics** [Blu14, PMG23, PI22]. **Statistik** [PMG23]. **steady** [OMNM14]. **steady-state** [OMNM14]. **Steinberger** [Tse12]. **Stellar** [Alm20, Bon17]. **step** [FH22]. **Stephen** [Ell14]. **steps** [Per16]. **Stern** [SBSL+16]. **stimulated** [Eck12]. **stimulus** [Kre11]. **stochastic** [CM12]. **Storage** [Hüb12]. **story** [Bor15, Kar14, SD18]. **Stracciati** [BLR20]. **Strassmann** [Ste16]. **Strong** [HM18]. **structure** [Bon17, JN14, Som14a]. **students** [BLR20]. **studied** [Kar22]. **stunt** [OONM18]. **Sub** [Cro11, Goe17]. **sub-discipline** [Goe17]. **substructure** [Per13]. **sun** [Tip13]. **superfluous** [OONM18]. **Supergravity**

[Des18]. **Superheavy** [Kra13b, AM12]. **surprises** [Kar14]. **survey** [Spi12a]. **Swieca** [Sch10]. **symmetry** [Mou13]. **synchrotron** [Pla12]. **systems** [GLTZ10, GS12].

table [Kra13b]. **Tales** [PR18]. **technics** [DPP+12]. **techniques** [CM13]. **technology** [TWZ19]. **telecommunication** [MAE+19]. **temporal** [RD12]. **their** [AM23, Gal13, Per16, Sch10]. **theorem** [Bad11, Blu14, BdV22, vN10]. **Theoretical** [Iof13, MB17a, DB14, dDD+19]. **Theory** [BGLR17, Ein31, Bis15, Dit15a, Dit16, DM11, DJ13, Eck10, Fic13, GG19, Haa10a, Ina15, Joh20, Kra11, LJ15, Mas14, OMNM14, SS17, Sau19, Sch10, Sch11, Som14b, VR17, Wei21, Wu21, Zeh11]. **thermodynamic** [DD13]. **Thermodynamics** [MW12, Bor13, LJ15]. **thermonuclear** [Esc18]. **Things** [Com29]. **thinking** [Mou13]. **time** [GLTZ10, Lev16]. **timeline** [MB17b]. **times** [BC18]. **tokamak** [Kik18]. **tokamaks** [PAP21]. **told** [DFP18]. **Tomonaga** [Dit16]. **torsion** [Sch19, Sch20]. **Torus** [Reb18]. **Touschek** [BP11]. **transfer** [Mas14]. **transformations** [PP19, PP16]. **translation** [OM14, OM22]. **translational** [Sch19, Sch20]. **transport** [LJ15]. **traveling** [MAE+19]. **traveling-wave** [MAE+19]. **treatise** [FK19]. **troublesome** [Eck10]. **tube** [MAE+19]. **turbulence** [Eck10, HM18].

ultra [KW12]. **underlying** [LL14]. **unified** [Sau19]. **unique** [Bil13, RMD23]. **uniqueness** [MPP+12]. **universal** [Ish17, PB17, Wu21]. **universe** [Nus14, OM14, OONM17, OM22]. **universities** [LR20]. **University** [Ble12, DPP+12, Dor13, GS12, MPP+12, NHK+22, Shl12, Sin12]. **upper** [Kra13b]. **uranium** [HS16]. **using** [Per16, TWZ19].

vacuum [ABR23]. **Varenna** [Mar19]. **variability** [RD12]. **Velocity** [Bet32, Gen20]. **versus** [DJ13]. **vertical** [Sch14a]. **Very** [LW12]. **Very-high** [LW12]. **view** [LPA18]. **violation** [Cro12]. **Vlasov** [GK23]. **vs** [Alm20, Bad11, Kre15].

Waiting [Tan16]. **walk** [Mar19, Nar18]. **Was** [vS21]. **Wave** [LPA18, La 22, Kre11, Kre15, MAE+19, Ros17, Wu21]. **waves** [Lor19, Piz16]. **Weber** [Tri17]. **weeks** [Des18]. **Weinberg** [DLL16]. **Weiss** [RB15]. **Weisskopf** [Dit15b]. **Wheeler** [Ric18]. **Who** [Smi13]. **will** [Kra11]. **Wired** [Tri17]. **work** [FGV17]. **working** [Sau19]. **world** [AM12]. **wrongs** [RD12].

X [Pel12]. **X-ray** [Pel12].

year [GK23]. **Years** [Pau13, PAP21, BT21, Haa10b, Iof13, Kar22, Kon20, Mar18, OONM18, Pla12, Spi12a, Wei15]. **Youth** [CB15].

Zeitschrift [PMG23, FBB14]. **Zocher** [SCS22]. **Zum** [Ein31]. **zwischen** [PMG23].

References

Agil:2023:SLV

[ABR23] Jonathan Agil, Rémy Battesti, and Carlo Rizzo. On the speed of light in a vacuum in the presence of a magnetic field. *European Physical Journal H*, 48(1):??, December 2023. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-023-00050-7`.

Ali:2011:JQH

[AK11] A. Ali and G. Kramer. JETS and QCD: a historical review of the discovery of the quark and gluon jets and its impact on QCD. *European Physical Journal H*, 36(2):245–326, September 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-10047-1`.

Almeida:2020:SEV

[Alm20] Carla Rodrigues Almeida. Stellar equilibrium vs. gravitational collapse. *European Physical Journal H*, 45(1):25–48, July 2020. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2019-100045-x; http://link.springer.com/content/pdf/10.1140/epjh/e2019-100045-x.pdf`.

Armbruster:2012:EPO

[AM12] P. Armbruster and Gottfried Münzenberg. An experimental paradigm opening the world of superheavy elements. *European Physical Journal H*, 37(2):237–309, July 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-20046-7`.

Alpher:2023:GGR

[AM23] Victor S. Alpher and Simon A. Mitton. George Gamow and Ralph Alpher: a review of their cosmological collaboration as mentor and protégé 1942–1955. *European Physical Journal H*, 48(1):??, December 2023. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-023-00057-0`.

Badino:2011:MSV

[Bad11] M. Badino. Mechanistic slumber vs. statistical insomnia: the early history of Boltzmann's H-theorem (1868–1877). *European Physical Journal H*, 36(3):353–378, November 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-10048-5`.

Baily:2013:EAM

[Bai13] C. Baily. Early atomic models — from mechanical to quantum (1904–1913). *European Physical Journal H*, 38(1):1–38, January 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-30009-7`.

Battimelli:2018:BAP

[BC18] Giovanni Battimelli and Giovanni Ciccotti. Berni Alder and the pioneering times of molecular simulation. *European Physical Journal H*, 43(3):303–335, August 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2018-90027-5`.

Belyaev:2021:HL

[BCT21] I. Belyaev, G. Carboni, and F. Teubert. The history of LHCb. *European Physical Journal H*, 46(1):??, December 2021. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-021-00002-z`.

Blum:2022:GCT

[BdV22] Alexander S. Blum and Andrés Martínez de Velasco. The genesis of the CPT theorem. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-022-00037-w`.

Beiglbock:2010:E

[Bei10] Wolf Beiglböck. Editorial. *European Physical Journal H*, 35(1):1–2, July 2010. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2010-00005-y.pdf`.

Bennett:2010:MII

[Ben10] J. Bennett. MacCullagh's Ireland: the institutional and cultural space for geometry and physics. *European Physical Journal H*, 35 (2):123–132, November 2010. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2010-00011-4`.

Bertlmann:2020:RRQ

[Ber20] Reinhold A. Bertlmann. Real or not real that is the question .... *European Physical Journal H*, 45(2–3):205–236, September 2020. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/e2020-10022-x`.

Bethe:1932:BER

[Bet32] Hans A. Bethe. Bremsformel für Elektronen relativistischer Geschwindigkeit. (German) [Scattering of elections of relativistic velocity]. *Zeitschrift für Physik*, 76(5–6):293–299, ???? 1932. CODEN ZEPYAA. ISSN 0044-3328. See annotation [FBB14].

Bethe:2014:BFE

[Bet14] Hans Bethe. Braking formula for electrons of relativistic speed. *European Physical Journal H*, 39(5):537–542, December 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2014-50028-5`. See annotation [FBB14].

Beiglbock:2014:E

[BG14] Wolf Beiglböck and Francesco Guerra. Editorial. *European Physical Journal H*, 39(1):1, February 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2014-50005-y.pdf`.

Blum:2017:EIS

[BGLR17] Alexander Blum, Domenico Giulini, Roberto Lalli, and Jürgen Renn. Editorial introduction to the special issue "The Renaissance of Einstein's Theory of Gravitation". *European Physical Journal H*, 42(2):95–105, June 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2017-80023-3.pdf`.

Blum:2017:QGM

[BH17] Alexander Blum and Thiago Hartz. The 1957 quantum gravity meeting in Copenhagen: An analysis of Bryce S. DeWitt's report. *European Physical Journal H*, 42(2):107–157, June 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2017-80015-8.pdf`.

Bilenky:2013:NHU

[Bil13] S. M. Bilenky. Neutrino. History of a unique particle. *European Physical Journal H*, 38(3):345–404, April 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-20068-9`.

Bistafa:2015:EFF

[Bis15] Sylvio R. Bistafa. Euler's friction of fluids theory and the estimation of fountain jet heights. *European Physical Journal H*, 40 (3):375–384, September 2015. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2015-60031-2`.

Bleher:2012:SMS

[Ble12] Pavel Bleher. From the seminar on Mathematical Statistical Physics in Moscow State University, 1962–1994. Hierarchical models and renormalisation group critical phenomena in the Dyson hierarchical model and renormalisation group. *European Physical Journal H*, 37 (4):605–618, September 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-10053-x`.

Battimelli:2020:MSI

[BLR20] Giovanni Battimelli, Adele La Rana, and Paolo Rossi. Masters and students in Italian physics between the 19th and 20th centuries: the Felici–Bartoli–Stracciati–Corbino case. *European Physical Journal H*, 45(2–3):107–121, September 2020. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/e2020-10016-y`.

Blum:2014:NPG

[Blu14] Alexander Blum. From the necessary to the possible: the genesis of the spin–statistics theorem. *European Physical Journal H*, 39 (5):543–574, December 2014. CODEN EPJHAD. ISSN 2102-6459

(print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2014-50022-5`.

Bonolis:2017:SSC

[Bon17] Luisa Bonolis. Stellar structure and compact objects before 1940: Towards relativistic astrophysics. *European Physical Journal H*, 42(2):311–393, June 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2017-80014-4.pdf`.

Bordoni:2013:RTA

[Bor13] Stefano Bordoni. Routes towards an abstract thermodynamics in the late nineteenth century. *European Physical Journal H*, 38(5): 617–660, December 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40028-7`.

Borrelli:2015:SHB

[Bor15] Arianna Borrelli. The story of the Higgs boson: the origin of mass in early particle physics. *European Physical Journal H*, 40(1):1–52, March 2015. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2014-50026-9`.

Boughn:2013:FHM

[Bou13] Stephen Boughn. Fritz Hasenöhrl and $E = mc^2$. *European Physical Journal H*, 38(2):261–278, March 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-30061-5`.

Bonolis:2011:BTP

[BP11] Luisa Bonolis and Giulia Pancheri. Bruno Touschek: particle physicist and father of the e^+ e^- collider. *European Physical Journal H*, 36(1):1–61, July 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-10044-1`.

Boughn:2013:PAM

[BR13] Stephen Boughn and Marcel Reginatto. A pedestrian approach to the measurement problem in quantum mechanics. *European Physical Journal H*, 38(4):443–470, September 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40004-9`.

Baksalary:2021:MPI

[BT21] Oskar Maria Baksalary and Götz Trenkler. The Moore–Penrose inverse: a hundred years on a frontline of physics research. *European Physical Journal H*, 46(1):??, December 2021. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-021-00011-y`.

Bethke:2022:JEP

[BW22] S. Bethke and A. Wagner. The JADE experiment at the PETRA e^+e^- collider: history, achievements and revival. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-022-00047-8`.

Cenadelli:2015:YPE

[CB15] Davide Cenadelli and Andrea Bernagozzi. Youth plus experience: the discovery of 51 Pegasi b. *European Physical Journal H*, 40(4–5):527–552, December 2015. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2015-60041-5`.

Carlson:2011:NIS

[CD11] Per Carlson and Alessandro De Angelis. Nationalism and internationalism in science: the case of the discovery of cosmic rays. *European Physical Journal H*, 35(4):309–329, April 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-10033-6`.

Casalbuoni:2022:BHF

[CDM22] Roberto Casalbuoni, Daniele Dominici, and Massimo Mazzoni. A brief history of Florentine physics from the 1920s to the end of the 1960s. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-022-00048-7`.

Caspers:2012:HSB

[CM12] F. Caspers and D. Möhl. History of stochastic beam cooling and its application in many different projects. *European Physical Journal H*, 36(4):601–632, March 2012. CODEN EPJHAD. ISSN 2102-6459

(print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-20037-8`.

Cremer:2013:RET

[CM13] Christoph Cremer and Barry R. Masters. Resolution enhancement techniques in microscopy. *European Physical Journal H*, 38(3):281–344, April 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2012-20060-1.pdf`.

Compton:1929:WTMa

[Com29] Arthur H. Compton. What things are made of — I. *Scientific American*, 140(2):110–113, February 1929. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087 (electronic). URL `http://www.nature.com/scientificamerican/journal/v140/n2/pdf/scientificamerican0229-110.pdf`.

Craik:2012:LKF

[Cra12] Alex D. D. Craik. Lord Kelvin on fluid mechanics. *European Physical Journal H*, 37(1):75–114, June 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-30004-y`.

Cronin:2011:CRC

[Cro11] J. W. Cronin. The 1953 Cosmic Ray Conference at Bagnères de Bigorre: the birth of sub atomic physics. *European Physical Journal H*, 36(2):183–201, September 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-20014-4`.

Cronin:2012:DCV

[Cro12] J. W. Cronin. The discovery of CP violation. *European Physical Journal H*, 36(4):487–508, March 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-20057-4`.

deArrieta:2022:BIC

[dA22] Iñigo González de Arrieta. Beyond the infrared: a centenary of Heinrich Rubens's death. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-022-00044-x`.

Dahmen:2015:PAR

[Dah15] Sílvio R. Dahmen. On pendulums and air resistance. *European Physical Journal H*, 40(3):337–373, September 2015. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2015-50054-8`.

Darrigol:2010:JME

[Dar10] Olivier Darrigol. James MacCullagh's ether: An optical route to Maxwell's equations? *European Physical Journal H*, 35(2):133–172, November 2010. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2010-00009-3`.

Darrigol:2019:MFQ

[Dar19] Olivier Darrigol. The magic of Feynman's QED: from field-less electrodynamics to the Feynman diagrams. *European Physical Journal H*, 44(4–5):349–369, November 2019. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2019-100025-2`.

Darrigol:2023:HRB

[Dar23] Olivier Darrigol. A history of the relation between fluctuation and dissipation. *European Physical Journal H*, 48(1):??, December 2023. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-023-00058-z`.

DiCastro:2014:BTC

[DB14] Carlo Di Castro and Luisa Bonolis. The beginnings of theoretical condensed matter physics in Rome: a personal remembrance. *European Physical Journal H*, 39(1):3–36, February 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40043-5`.

Deville:2013:CLB

[DD13] Alain Deville and Yannick Deville. Clarifying the link between von Neumann and thermodynamic entropies. *European Physical Journal H*, 38(1):57–81, January 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-30032-0`.

dAlessandro:2019:SRI

[dDD+19] Vincenzo d'Alessandro, Santolo Daliento, Marco Di Mauro, Salvatore Esposito, and Adele Naddeo. Searching for a response: the intriguing mystery of Feynman's theoretical reference amplifier. *European Physical Journal H*, 44(4–5):331–347, November 2019. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2019-90071-6`.

Deser:2018:BHG

[Des18] S. Deser. A brief history (and geography) of supergravity: the first 3 weeks ... and after. *European Physical Journal H*, 43(3):281–291, August 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2018-90005-3`.

DeWitt:2017:ERS

[DeW17] Bryce S. DeWitt. Exploratory research session on the quantization of the gravitational field. *European Physical Journal H*, 42(2):159–176, June 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2017-80016-0.pdf`.

Diamond:2018:EIS

[DFP18] Patrick H. Diamond, Uriel Frisch, and Yves Pomeau. Editorial introduction to the special issue "Plasma physics in the 20th century as told by players". *European Physical Journal H*, 43(4–5):337–353, December 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2018-90061-5; http://link.springer.com/content/pdf/10.1140/epjh%2Fe2018-90061-5.pdf`.

Dittrich:2015:CQF

[Dit15a] Walter Dittrich. The cofounder of quantum field theory: Pascual Jordan. *European Physical Journal H*, 40(2):241–260, March 2015. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2015-60005-9`.

Dittrich:2015:PWA

[Dit15b] Walter Dittrich. On the Pauli–Weisskopf anti-Dirac paper. *European Physical Journal H*, 40(2):261–278, March 2015. CO-

DEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2015-60006-1`.

Dittrich:2016:TTS

[Dit16] Walter Dittrich. On Tomonaga's theory of split-anode magnetrons. *European Physical Journal H*, 41(2):165–180, June 2016. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2016-70005-7`.

Duncan:2013:NMY

[DJ13] A. Duncan and M. Janssen. (never) mind your p's and q's: von Neumann versus Jordan on the foundations of quantum theory. *European Physical Journal H*, 38(2):175–259, March 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-30024-5`.

Dore:2016:MWA

[DLL16] Ubaldo Dore, Pier Ferruccio Loverre, and Lucio Ludovici. Measurement of the Weinberg angle in neutrino interactions. *European Physical Journal H*, 41(2):137–155, June 2016. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2016-70006-y`.

Dore:2019:HAN

[DLL19] Ubaldo Dore, Pier Loverre, and Lucio Ludovici. History of accelerator neutrino beams. *European Physical Journal H*, 44(4–5):271–305, November 2019. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2019-90032-x`.

Dosch:2011:FRQ

[DM11] H. G. Dosch and V. F. Müller. The facets of relativistic quantum field theory. *European Physical Journal H*, 35(4):331–375, April 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-10030-6`.

Dore:2012:PCP

[Dor12] U. Dore. Physics with charm particles produced in neutrino interactions. A historical recollection. *European Physical Journal H*,

37(1):115–137, June 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-20019-x`.

Dore:2013:NEP

[Dor13] Ubaldo Dore. Neutrino experiments in the Physics Department of Rome 'Sapienza' University. *European Physical Journal H*, 38 (5):703–712, December 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40010-8`.

Dinaburg:2012:SMS

[DPP+12] E. Dinaburg, E. A. Pechersky, S. A. Pirogov, S. Shlosman, and Yu. M. Suhov. From the seminar on Mathematical Statistical Physics in Moscow State University, 1962–1994. Contour technics. *European Physical Journal H*, 37(4):619–637, September 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-10052-6`.

Darrigol:2010:HJM

[DS10] Olivier Darrigol and Samson Shatashvili. In honor of James MacCullagh (1809–1847). *European Physical Journal H*, 35(2):111, November 2010. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2010-00010-6.pdf`.

Duarte:2012:OQE

[Dua12] F. J. Duarte. The origin of quantum entanglement experiments based on polarization measurements. *European Physical Journal H*, 37(2):311–318, July 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-20047-y`.

Eckert:2010:TBH

[Eck10] M. Eckert. The troublesome birth of hydrodynamic stability theory: Sommerfeld and the turbulence problem. *European Physical Journal H*, 35(1):29–51, July 2010. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2010-00003-3`.

Eckhardt:2012:HDS

[Eck12] Gisela Eckhardt. History of the discovery of the stimulated Raman effect at the Hughes Research Laboratories. *European Physical Journal H*, 37(5):793–796, October 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2012-30025-9.pdf`.

Eckert:2014:HSE

[Eck14] Michael Eckert. How Sommerfeld extended Bohr's model of the atom (1913–1916). *European Physical Journal H*, 39(2):141–156, April 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40052-4`.

Einstein:1931:KPA

[Ein31] Albert Einstein. Zum Kosmologischen Problem der allgemeinen Relativitätstheorie. (German) [On the cosmological problem of the General Theory of Relativity]. *Ständiger Beobachter der Preussischen Akademie der Wissenschaften, Phys.-math. Klasse, Sitzungsberichte*, ??(??):235–237, 1931.

Ellis:2014:SHA

[Ell14] George F. R. Ellis. Stephen Hawking's 1966 Adams Prize Essay. *European Physical Journal H*, 39(4):403–411, November 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2014-50014-x`.

Escande:2018:TFH

[Esc18] D. F. Escande. From thermonuclear fusion to Hamiltonian chaos. *European Physical Journal H*, 43(4–5):397–420, December 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2016-70063-5`.

Fontes:2014:AHB

[FBB14] Christopher J. Fontes, Christopher J. Bostock, and Klaus Bartschat. Annotation of Hans Bethe's paper, *Zeitschrift für Physik* **76**, 293 (1932), "Braking Formula for Electrons of Relativistic Speed". *European Physical Journal H*, 39(5):517–536, December 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-

6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2014-50027-1`. See [Bet32, Bet14].

Frisch:2017:CLH

[FGV17] Uriel Frisch, Gérard Grimberg, and Barbara Villone. A contemporary look at Hermann Hankel's 1861 pioneering work on Lagrangian fluid dynamics. *European Physical Journal H*, 42(4–5):537–556, December 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic).

Folk:2022:SFS

[FH22] Reinhard Folk and Yurij Holovatch. Schottky's forgotten step to the Ising model. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-022-00041-0`.

Fick:2013:BHA

[Fic13] D. Fick. Bothe's 1925 heuristic assumption in the dawn of quantum field theory. *European Physical Journal H*, 38(1):39–55, January 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-20023-1`.

Fischbach:2015:FFP

[Fis15] Ephraim Fischbach. The fifth force: A personal history. *European Physical Journal H*, 40(4–5):385–467, December 2015. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2015-60044-5`.

Frisvad:2019:LLH

[FK19] Jeppe Revall Frisvad and Helge Kragh. On Ludvig Lorenz and his 1890 treatise on light scattering by spheres. *European Physical Journal H*, 44(2):137–160, August 2019. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2019-100022-y`.

Franklin:2013:MMP

[Fra13] Allan Franklin. Millikan's measurement of Planck's constant. *European Physical Journal H*, 38(5):573–594, December 2013.

CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2013-40021-3.

Fredenhagen:2010:LBC

[Fre10] Klaus Fredenhagen. Lille 1957: The birth of the concept of local algebras of observables. *European Physical Journal H*, 35(3):239–241, November 2010. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2010-10040-y.

Friedman:2012:PIP

[Fri12] J. I. Friedman. Peering inside the proton. *European Physical Journal H*, 36(4):469–485, March 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2012-30002-3.

Frisch:2014:CAF

[FV14] Uriel Frisch and Barbara Villone. Cauchy's almost forgotten Lagrangian formulation of the Euler equation for 3D incompressible flow. *European Physical Journal H*, 39(3):325–351, September 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2014-50016-6.

Gallavotti:2013:ALM

[Gal13] Giovanni Gallavotti. Aspects of Lagrange's *Mechanics* and their legacy. *European Physical Journal H*, 38(5):595–615, December 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2013-40029-y.

Gallavotti:2016:EHP

[Gal16] Giovanni Gallavotti. Ergodicity: a historical perspective. equilibrium and nonequilibrium. *European Physical Journal H*, 41(3):181–259, September 2016. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/accesspage/article/10.1140/epjh/e2016-70030-8.

Genthon:2020:CVH

[Gen20] Arthur Genthon. The concept of velocity in the history of Brownian motion. *European Physical Journal H*, 45(1):49–105,

July 2020. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2020-10009-8`.

Galvagno:2019:LSC

[GG19] Mariano Galvagno and Gaston Giribet. Luis Santaló and classical field theory. *European Physical Journal H*, 44(4–5):381–389, November 2019. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2019-100038-9`.

Gabovich:2023:AVH

[GK23] Alexander M. Gabovich and Vladimir I. Kuznetsov. Anatoly Vlasov heritage: 60-year-old controversy. *European Physical Journal H*, 48(1):??, December 2023. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-023-00051-6`.

Goldstein:2010:LTB

[GLTZ10] S. Goldstein, J. L. Lebowitz, R. Tumulka, and N. Zanghì. Long-time behavior of macroscopic quantum systems. *European Physical Journal H*, 35(2):173–200, November 2010. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2010-00007-7`.

Goenner:2017:GRG

[Goe17] Hubert Goenner. General relativity and the growth of a subdiscipline "gravitation" in Germany. *European Physical Journal H*, 42(3):395–430, August 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic).

Gurevich:2012:SMS

[GS12] B. M. Gurevich and Y. M. Suhov. From the seminar on Mathematical Statistical Physics in Moscow State University, 1962–1994. Dynamical systems of infinitely many particles. *European Physical Journal H*, 37(4):639–658, September 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-10054-2`.

Gould:2022:FFF

[GS22] Christopher R. Gould and Eduard I. Sharapov. Fermi's favorite figure: the history of the pseudopotential concept in atomic physics

and neutron physics. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-022-00042-z`.

Haag:2010:DAA

[Haa10a] Rudolf Haag. Discussion of the 'axioms' and the asymptotic properties of a local field theory with composite particles. *European Physical Journal H*, 35(3):243–253, November 2010. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2010-10041-3`.

Haag:2010:LAL

[Haa10b] Rudolf Haag. Local algebras. A look back at the early years and at some achievements and missed opportunities. *European Physical Journal H*, 35(3):255–261, November 2010. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2010-10042-7`.

Haag:2010:SPS

[Haa10c] Rudolf Haag. Some people and some problems met in half a century of commitment to mathematical physics. *European Physical Journal H*, 35(3):263–307, November 2010. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2010-10032-4`.

Hawking:2014:SGS

[Haw14] Stephen Hawking. Singularities and the geometry of spacetime. *European Physical Journal H*, 39(4):413–503, November 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2014-50013-6`.

Helbig:2021:AAF

[Hel21] Phillip Helbig. Arguments against the flatness problem in classical cosmology: a review. *European Physical Journal H*, 46(1):??, December 2021. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-021-00006-9`.

Hicks:2012:CP

[Hic12] Kenneth H. Hicks. On the conundrum of the pentaquark. *European Physical Journal H*, 37(1):1–31, June 2012. CODEN EPJHAD.

ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-20032-0`.

Hasegawa:2018:STS

[HM18] Akira Hasegawa and Kunioki Mima. Strong turbulence, self-organization and plasma confinement. *European Physical Journal H*, 43(4–5):499–521, December 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2018-90033-4`.

Harlander:2023:CEP

[HMS23a] Robert Harlander, Jean-Philippe Martinez, and Gregor Schiemann. Correction: The end of the particle era? *European Physical Journal H*, 48(1):??, December 2023. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-023-00059-y`. See [HMS23b].

Harlander:2023:EPE

[HMS23b] Robert Harlander, Jean-Philippe Martinez, and Gregor Schiemann. The end of the particle era? *European Physical Journal H*, 48(1):??, December 2023. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-023-00053-4`. See correction [HMS23a].

Holian:2021:EBB

[Hol21] Brad Lee Holian. Exploring the boundary between atoms and the continuum by computers: a personal history. *European Physical Journal H*, 46(1):??, December 2021. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-021-00010-z`.

Hahn:2016:PRI

[HS16] O. Hahn and F. Strassmann. On the production of radium isotopes from uranium caused by irradiation with fast and decelerated neutrons. *European Physical Journal H*, 41(3):261–264, September 2016. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/accesspage/article/10.1140/epjh/e2016-70025-1`.

Hubner:2012:CIS

[Hüb12] Kurt Hübner. The CERN Intersecting Storage Rings (ISR). *European Physical Journal H*, 36(4):509–522, March 2012. CO-

DEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2011-20058-8.

Imre:2016:FKL

[IN16] Attila R. Imre and Josef Novotný. Fractals and the Korcak-law: a history and a correction. *European Physical Journal H*, 41(1):69–91, April 2016. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2016-60039-8.

Inaba:2015:DET

[Ina15] Hajime Inaba. The development of ensemble theory. *European Physical Journal H*, 40(4–5):489–526, December 2015. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2015-60034-2.

Ioffe:2013:FDY

[Iof13] B. L. Ioffe. The first dozen years of the history of ITEP Theoretical Physics Laboratory. *European Physical Journal H*, 38(1):83–135, January 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2012-30008-3.

Ishiwara:2017:UMQ

[Ish17] Jun Ishiwara. The universal meaning of the quantum of action. *European Physical Journal H*, 42(4–5):523–536, December 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL https://link.springer.com/article/10.1140/epjh/e2017-80041-1. See analysis [PB17].

Jentschura:2014:ADF

[JN14] U. D. Jentschura and I. Nándori. Attempts at a determination of the fine-structure constant from first principles: a brief historical overview. *European Physical Journal H*, 39(5):591–613, December 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2014-50044-7.

Johnson:2020:CGD

[Joh20] Benjamin Johnson. Charles Galton Darwin's 1922 quantum theory of optical dispersion. *European Physical Journal H*, 45(1):1–23,

July 2020. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2020-80058-7; http://link.springer.com/content/pdf/10.1140/epjh/e2020-80058-7.pdf`.

Karlsson:2014:PMI

[Kar14] Erik B. Karlsson. The positive muon implanted in metals — a story full of surprises. *European Physical Journal H*, 39(3):303–323, September 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2014-50018-2`.

Karlsson:2022:IDC

[Kar22] Erik B. Karlsson. Internal dynamics in condensed matter, as studied by spin relaxation: some examples from 75 years. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-021-00030-9`.

Kennefick:2017:BPQ

[Ken17] Daniel Kennefick. The binary pulsar and the quadrupole formula controversy. *European Physical Journal H*, 42(2):293–310, June 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2016-70059-2.pdf`.

Kikuchi:2018:LTJ

[Kik18] Mitsuru Kikuchi. The large tokamak JT-60: a history of the fight to achieve the Japanese fusion research mission. *European Physical Journal H*, 43(4–5):551–577, December 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2018-90054-2`.

Kajita:2012:OKE

[KKS12] T. Kajita, M. Koshiba, and A. Suzuki. On the origin of the Kamiokande experiment and neutrino astrophysics. *European Physical Journal H*, 37(1):33–73, June 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-30007-y`.

Kono:2020:RKH

[Kon20] Hiroto Kono. Ryogo Kubo in his formative years as a physicist. *European Physical Journal H*, 45(2–3):175–204, September 2020. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/e2020-10003-8`.

Kragh:2011:COB

[Kra11] Helge Kragh. Conceptual objections to the Bohr atomic theory — do electrons have a "free will"? *European Physical Journal H*, 36 (3):327–352, November 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-20031-x`.

Kragh:2013:NCB

[Kra13a] Helge Kragh. Nordic cosmogonies: Birkeland, Arrhenius and fin-de-siècle cosmical physics. *European Physical Journal H*, 38(4): 549–572, September 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40014-0`.

Kragh:2013:SEU

[Kra13b] Helge Kragh. Superheavy elements and the upper limit of the periodic table: early speculations. *European Physical Journal H*, 38(3):411–431, April 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-30043-7`.

Kragh:2014:NPP

[Kra14] Helge Kragh. The names of physics: plasma, fission, photon. *European Physical Journal H*, 39(3):263–281, September 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2014-50007-7`.

Kragh:2016:SSE

[Kra16] Helge Kragh. The source of solar energy, ca. 1840–1910: From meteoric hypothesis to radioactive speculations. *European Physical Journal H*, 41(4–5):365–394, November 2016. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/accesspage/article/10.1140/epjh/e2016-70045-7`.

Krehl:2011:SWP

[Kre11] Peter O. K. Krehl. Shock wave physics and detonation physics — a stimulus for the emergence of numerous new branches in science and engineering. *European Physical Journal H*, 36(1):85–152, July 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-10037-x`.

Krehl:2015:CRH

[Kre15] Peter O. K. Krehl. The classical Rankine–Hugoniot jump conditions, an important cornerstone of modern shock wave physics: ideal assumptions vs. reality. *European Physical Journal H*, 40 (2):159–204, March 2015. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2015-50010-4`.

Kampert:2012:EAS

[KW12] Karl-Heinz Kampert and Alan A. Watson. Extensive air showers and ultra high-energy cosmic rays: a historical review. *European Physical Journal H*, 37(3):359–412, August 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-30013-x`.

Rana:2022:EFA

[La 22] Adele La Rana. EUROGRAV 1986–1989: the first attempts for a European Interferometric Gravitational Wave Observatory. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-022-00036-x`.

Lange:2014:LI

[Lan14] Ludwig Lange. On the Law of Inertia. *European Physical Journal H*, 39(2):251–262, April 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40040-5`.

Lebowitz:2017:LSM

[LB17] Joel L. Lebowitz and Luisa Bonolis. A life in statistical mechanics. *European Physical Journal H*, 42(1):1–21, April 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic).

URL `http://link.springer.com/content/pdf/10.1140/epjh/e2017-80006-9.pdf`.

Levine:2016:HTF

[Lev16] Judah Levine. The history of time and frequency from antiquity to the present day. *European Physical Journal H*, 41(1):1–67, April 2016. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2016-70004-3`.

Levesque:2019:OCS

[LH19] D. Levesque and J. P. Hansen. The origin of computational statistical mechanics in France. *European Physical Journal H*, 44(1):37–46, February 2019. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2018-90041-y`.

Lebon:2015:EHE

[LJ15] G. Lebon and D. Jou. Early history of extended irreversible thermodynamics (1953–1983): An exploration beyond local equilibrium and classical transport theory. *European Physical Journal H*, 40 (2):205–240, March 2015. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2014-50033-0`.

Labuda:2014:MUD

[LL14] Cecille Labuda and Iwo Labuda. On the mathematics underlying dispersion relations. *European Physical Journal H*, 39(5):575–589, December 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2014-50021-1`.

Lorenz:2019:LPO

[Lor19] Ludvig Lorenz. Light propagation in and outside a sphere illuminated by plane waves of light. *European Physical Journal H*, 44(2):77–135, August 2019. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2019-100021-6`. English translation by Jeppe Revall Frisvad of original Danish article *Lysbevægelser i og uden for en af plane Lysbølger belyst Kugle* in Det kongelige danske Videnskabernes Selskabs Skrifter **6**(6): 1–62, 1890.

Laval:2018:WPW

[LPA18] Guy Laval, Denis Pesme, and Jean-Claude Adam. Wave–particle and wave–wave interactions in hot plasmas: a French historical point of view. *European Physical Journal H*, 43(4–5):421–458, December 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2016-70050-2`.

LaRana:2020:BQM

[LR20] Adele La Rana and Paolo Rossi. The blossoming of quantum mechanics in Italy: the roots, the context and the first spreading in Italian universities (1900–1947). *European Physical Journal H*, 45 (4–5):237–257, December 2020. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/e2020-10044-0`.

Lorenz:2012:VHE

[LW12] E. Lorenz and R. Wagner. Very-high energy gamma-ray astronomy. *European Physical Journal H*, 37(3):459–513, August 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-30016-x`.

Minenna:2019:TWT

[MAE+19] Damien F. G. Minenna, Frédéric André, Yves Elskens, Jean-François Auboin, Fabrice Doveil, Jérôme Puech, and Élise Duverdier. The traveling-wave tube in the history of telecommunication. *European Physical Journal H*, 44(1):1–36, February 2019. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2018-90023-1`.

Mareschal:2018:EYC

[Mar18] Michel Mareschal. Early years of computational statistical mechanics. *European Physical Journal H*, 43(3):293–302, August 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2018-90006-7`.

Mareschal:2019:VCK

[Mar19] Michel Mareschal. From Varenna (1970) to Como (1995): Kurt Binder's long walk in the land of criticality. *European Physical Jour-*

nal H, 44(2):161–179, August 2019. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2019-100016-3`.

Masters:2014:PFR

[Mas14] B. R. Masters. Paths to Förster's resonance energy transfer (FRET) theory. *European Physical Journal H*, 39(1):87–139, February 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40007-9`.

Maiani:2017:CTP

[MB17a] Luciano Maiani and Luisa Bonolis. The charm of theoretical physics (1958–1993). *European Physical Journal H*, 42(4–5):611–661, December 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2017-80040-9.pdf`.

Maiani:2017:LTP

[MB17b] Luciano Maiani and Luisa Bonolis. The LHC timeline: a personal recollection (1980–2012). *European Physical Journal H*, 42(4–5):475–505, December 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2017-80052-8.pdf`.

Mayor:2018:EBN

[MC18] Michel Mayor and Davide Cenadelli. Exoplanets — the beginning of a new era in astrophysics. *European Physical Journal H*, 43(1):1–41, April 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2018-80063-1`.

Mouchet:2013:RFF

[Mou13] Amaury Mouchet. Reflections on the four facets of symmetry: how physics exemplifies rational thinking. *European Physical Journal H*, 38(5):661–702, December 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40018-4`.

Montgomery:2013:LBP

[MP13] H. E. Montgomery, Jr. and V. I. Pupyshev. On lower bounds for polarisability. *European Physical Journal H*, 38(4):519–534,

September 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2013-30056-8.

Minlos:2012:SMS

[MPP+12] R. A. Minlos, E. A. Pechersky, S. A. Pirogov, S. Shlosman, and Yu. M. Suhov. From the seminar on Mathematical Statistical Physics in Moscow State University, 1962–1994. Gibbs random fields on the lattice. Definitions, existence, uniqueness. *European Physical Journal H*, 37(4):571–594, September 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2012-10049-7.

Macuglia:2022:EPD

[MRC22] Daniele Macuglia, Benoît Roux, and Giovanni Ciccotti. The emergence of protein dynamics simulations: how computational statistical mechanics met biochemistry. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL https://link.springer.com/article/10.1140/epjh/s13129-022-00043-y.

Muller:2012:DOG

[Mül12] Dietrich Müller. Direct observations of galactic cosmic rays. *European Physical Journal H*, 37(3):413–458, August 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2012-30017-2.

Monfort-Urkizu:2023:WN

[MUN23] Beñat Monfort-Urkizu and Jaume Navarro. What's in a name? *European Physical Journal H*, 48(1):??, December 2023. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL https://link.springer.com/article/10.1140/epjh/s13129-023-00054-3.

Muller:2012:TIP

[MW12] Ingo Müller and Wolf Weiss. Thermodynamics of irreversible processes — past and present. *European Physical Journal H*, 37(2):139–236, July 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2012-20029-1.

Myers:2012:LO

[Mye12] Steve Myers. LEP operation. *European Physical Journal H*, 36 (4):563–577, March 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-20062-y`.

Narlikar:2018:EMC

[Nar18] Jayant V. Narlikar. The evolution of modern cosmology as seen through a personal walk across six decades. *European Physical Journal H*, 43(1):43–72, April 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2017-80048-5`.

Novosyadlyj:2022:SKD

[NHK+22] B. Novosyadlyj, B. Hnatyk, Yu. Kulinich, B. Melekh, O. Petruk, R. Plyatsko, M. Tsizh, M. Vavrukh, and N. Virun. Samuil Kaplan and the development of astrophysical research at the Lviv University. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-022-00045-w`.

Nielsen:2022:OGP

[Nie22] N. K. Nielsen. On the origin of the Gullstrand–Painlevé coordinates. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-022-00038-9`.

Novosyadlyj:2018:C

[Nov18] Bohdan Novosyadlyj. Century of Λ. *European Physical Journal H*, 43(3):267–280, August 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2018-90007-y`.

Nussbaumer:2014:ECH

[Nus14] Harry Nussbaumer. Einstein's conversion from his static to an expanding universe. *European Physical Journal H*, 39(1):37–62, February 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40037-6`.

ORaifeartaigh:2014:ECM

[OM14] C. O'Raifeartaigh and B. McCann. Einstein's cosmic model of 1931 revisited: an analysis and translation of a forgotten model of the universe. *European Physical Journal H*, 39(1):63–85, February 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40038-x`. Contains English translation on pages 82–85 of [Ein31]. See correction [OM22].

ORaifeartaigh:2022:CEC

[OM22] C. O'Raifeartaigh and B. McCann. Correction to: Einstein's cosmic model of 1931 revisited: an analysis and translation of a forgotten model of the universe. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-022-00040-1`. See [OM14].

ORaifeartaigh:2014:ESS

[OMNM14] Cormac O'Raifeartaigh, Brendan McCann, Werner Nahm, and Simon Mitton. Einstein's steady-state theory: an abandoned model of the cosmos. *European Physical Journal H*, 39(3):353–367, September 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2014-50011-x`.

ORaifeartaigh:2021:HPR

[OOM21] Cormac O'Raifeartaigh, Michael O'Keeffe, and Simon Mitton. Historical and philosophical reflections on the Einstein–de Sitter model. *European Physical Journal H*, 46(1):??, December 2021. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-021-00007-8`.

ORaifeartaigh:2015:ECR

[OONM15] Cormac O'Raifeartaigh, Michael O'Keeffe, Werner Nahm, and Simon Mitton. Einstein's cosmology review of 1933: a new perspective on the Einstein–de Sitter model of the cosmos. *European Physical Journal H*, 40(3):301–335, September 2015. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2015-50061-y`.

ORaifeartaigh:2017:ESM

[OONM17] Cormac O'Raifeartaigh, Michael O'Keeffe, Werner Nahm, and Simon Mitton. Einstein's 1917 static model of the universe: a centennial review. *European Physical Journal H*, 42(3):431–474, August 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic).

ORaifeartaigh:2018:OHY

[OONM18] Cormac O'Raifeartaigh, Michael O'Keeffe, Werner Nahm, and Simon Mitton. One hundred years of the cosmological constant: from 'superfluous stunt" to dark energy. *European Physical Journal H*, 43(1):73–117, April 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2017-80061-7`.

Petrov:2021:YNP

[PAP21] M. P. Petrov, V. I. Afanasyev, and S. Ya. Petrov. 60 years of neutral particle analysis: from early tokamaks to ITER. *European Physical Journal H*, 46(1):??, December 2021. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-021-00009-6`.

Paul:2013:YEP

[Pau13] Ewald Paul. 50 years of experimental particle physics in Bonn. A personal recollection. *European Physical Journal H*, 38(4):471–506, September 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-30028-7`.

Pelogia:2017:AJI

[PB17] Karla Pelogia and Carlos Alexandre Brasil. Analysis of the Jun Ishiwara's "The universal meaning of the quantum of action". *European Physical Journal H*, 42(4–5):507–521, December 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/e2017-80034-x`. See [Ish17].

Peebles:2014:DHB

[Pee14] Phillip James Edwin Peebles. Discovery of the hot Big Bang: What happened in 1948. *European Physical Journal H*, 39(2):205–223, April 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2014-50002-y`.

Peebles:2017:RDN

[Pee17] Phillip James Edwin Peebles. Robert Dicke and the naissance of experimental gravity physics, 1957–1967. *European Physical Journal H*, 42(2):177–259, June 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2016-70034-0.pdf`.

Pellegrini:2012:HXR

[Pel12] C. Pellegrini. The history of X-ray free-electron lasers. *European Physical Journal H*, 37(5):659–708, October 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-20064-5`.

Penny:2013:SED

[Pen13] Alan John Penny. The SETI episode in the 1967 discovery of pulsars. *European Physical Journal H*, 38(4):535–547, September 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-30052-6`.

Perryman:2012:HA

[Per12] Michael Perryman. The history of astrometry. *European Physical Journal H*, 37(5):745–792, October 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-30039-4`.

Perkins:2013:ENE

[Per13] D. H. Perkins. An early neutrino experiment: how we missed quark substructure in 1963. *European Physical Journal H*, 38(5):713–726, December 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40024-3`.

Perkins:2014:RHD

[Per14] Don H. Perkins. The remarkable history of the discovery of neutrino oscillations. *European Physical Journal H*, 39(5):505–515, December 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2014-50037-4`.

Perkins:2016:EST

[Per16] Don H. Perkins. Early steps towards quarks and their interactions using neutrino beams in CERN bubble chamber experiments. *European Physical Journal H*, 41(2):157–164, June 2016. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2016-70016-2.pdf`.

Pfister:2014:LLL

[Pfi14] Herbert Pfister. Ludwig Lange on the Law of Inertia. *European Physical Journal H*, 39(2):245–250, April 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40039-2`.

Perez:2022:IEO

[PI22] Enric Pérez and Joana Ibáñez. Indistinguishable elements in the origins of quantum statistics. The case of Fermi–Dirac statistics. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-021-00033-6`.

Picasso:2012:FMD

[Pic12] Emilio Picasso. A few memories from the days at LEP. *European Physical Journal H*, 36(4):551–562, March 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-20050-0`.

Pietschmann:2011:EHC

[Pie11] Herbert Pietschmann. The early history of current algebra. *European Physical Journal H*, 36(1):75–84, July 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-20013-0`.

Pizzella:2016:BID

[Piz16] G. Pizzella. Birth and initial developments of experiments with resonant detectors searching for gravitational waves. *European Physical Journal H*, 41(4–5):267–302, November 2016. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/accesspage/article/10.1140/epjh/e2016-70036-8`.

Plass:2012:CPS

[Pla12] Günther Plass. The CERN proton synchrotron: 50 years of reliable operation and continued development. *European Physical Journal H*, 36(4):439–454, March 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-20059-0`.

Peliti:2023:RFP

[PMG23] Luca Peliti and Paolo Muratore-Ginanneschi. R. Fürth's 1933 paper "On certain relations between classical statistics and quantum mechanics" ["Über einige Beziehungen zwischen klassischer Statistik und Quantenmechanik", *Zeitschrift für Physik*, **81** 143–162]. *European Physical Journal H*, 48(1):??, December 2023. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-023-00052-5`.

Perez:2016:BET

[PP16] Enric Pérez and Blai Pié i Valls. Bohr and Ehrenfest: transformations and correspondences in the early 1920s. *European Physical Journal H*, 41(2):93–136, June 2016. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2016-60028-1`.

Pagano:2019:NLT

[PP19] Angelo Pagano and Emanuele V. Pagano. A note on Lorentz transformations and simultaneity in classical physics and special relativity. *European Physical Journal H*, 44(4–5):321–330, November 2019. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2019-90058-4`.

Peruzzi:2018:TPQ

[PR18] Giulio Peruzzi and Alessio Rocci. Tales from the prehistory of quantum gravity. *European Physical Journal H*, 43(2):185–241, May 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2018-80018-6`.

Radvanyi:2013:DBP

[Rad13] Pierre Radvanyi. The discussion between P. Curie and E. Rutherford (1900–1904). *European Physical Journal H*, 38(4):433–441,

September 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2013-30019-8.

Rickles:2015:PWG

[RB15] Dean Rickles and Alexander Blum. Paul Weiss and the genesis of canonical quantization. *European Physical Journal H*, 40(4–5):469–487, December 2015. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2015-60001-5.

Ray:2014:ARG

[RBM14] Saibal Ray, Sudhindra Nath Biswas, and Utpal Mukhopadhyay. Astronomer R. G. Chandra: In the light of his Anglo–American connection. *European Physical Journal H*, 39(3):369–387, September 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2014-40019-6.

Rozelot:2011:HSO

[RD11] J.-P. Rozelot and C. Damiani. History of solar oblateness measurements and interpretation. *European Physical Journal H*, 36 (3):407–436, November 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2011-20017-4.

Rozelot:2012:RWT

[RD12] J. P. Rozelot and C. Damiani. Rights and wrongs of the temporal solar radius variability. *European Physical Journal H*, 37 (5):709–743, October 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2012-20030-4.

Rebut:2018:JET

[Reb18] Paul-Henri Rebut. The Joint European Torus (JET). *European Physical Journal H*, 43(4–5):459–497, December 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2017-70068-y.

Richter:2012:ECC

[Ric12] Burton Richter. Electron colliders at CERN. *European Physical Journal H*, 36(4):543–549, March 2012. CODEN EPJHAD.

ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2011-20056-0.

Rickles:2018:GWN

[Ric18] Dean Rickles. Geon Wheeler: from nuclear to spacetime physicist. *European Physical Journal H*, 43(3):243–265, August 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2018-80053-x.

Ray:2023:IGU

[RMD23] Saibal Ray, Utpal Mukhopadhyay, and Samir Dhurde. IUCAA: genesis of a unique research centre. *European Physical Journal H*, 48(1):??, December 2023. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL https://link.springer.com/article/10.1140/epjh/s13129-023-00049-0.

Ray:2021:RSF

[RMS21] Saibal Ray, Utpal Mukhopadhyay, and Rajinder Singh. N. R. Sen: Father of Indian applied mathematics. *European Physical Journal H*, 46(1):??, December 2021. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL https://link.springer.com/article/10.1140/epjh/s13129-021-00003-y.

Robinson:2019:GGR

[Rob19] D. C. Robinson. Gravitation and general relativity at King's College London. *European Physical Journal H*, 44(3):181–270, September 2019. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2019-100020-1; http://link.springer.com/content/pdf/10.1140/epjh/e2019-100020-1.pdf.

Rocci:2023:GEL

[Roc23] Alessio Rocci. On the gravitational effects of light. *European Physical Journal H*, 48(1):??, December 2023. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL https://link.springer.com/article/10.1140/epjh/s13129-023-00055-2.

Rosenfeld:2017:QWF

[Ros17] Léon Rosenfeld. On the quantization of wave fields. *European Physical Journal H*, 42(1):63–94, April 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/accesspage/article/

10.1140/epjh/e2016-70041-3. Originally published in German *Zur Quantelung der Wellenfelder* in Annalen der Physik 397, 113 (1930). Submitted for publication on March 18, 1930.

Rubbia:2012:PAC

[Rub12] Carlo Rubbia. Proton-antiproton colliders. *European Physical Journal H*, 36(4):523–542, March 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2011-20065-y.

Salisbury:2022:HOH

[Sal22] Donald Salisbury. A history of observables and Hamilton–Jacobi approaches to general relativity. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL https://link.springer.com/article/10.1140/epjh/s13129-022-00039-8.

Sauer:2019:EWS

[Sau19] Tilman Sauer. Einstein's working sheets and his search for a unified field theory. *European Physical Journal H*, 44(4–5):371–379, November 2019. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2019-100019-6.

Schmidt-Bocking:2016:SGE

[SBSL+16] Horst Schmidt-Böcking, Lothar Schmidt, Hans Jürgen Lüdde, Wolfgang Trageser, Alan Templeton, and Tilman Sauer. The Stern–Gerlach experiment revisited. *European Physical Journal H*, 41(4–5):327–364, November 2016. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/accesspage/article/10.1140/epjh/e2016-70053-2.

Schroer:2010:JSC

[Sch10] B. Schroer. Jorge A. Swieca's contributions to quantum field theory in the 60s and 70s and their relevance in present research. *European Physical Journal H*, 35(1):53–88, July 2010. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2010-00004-1.

Schroer:2011:PJL

[Sch11] B. Schroer. Pascual Jordan's legacy and the ongoing research in quantum field theory. *European Physical Journal H*, 35(4):377–434, April 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-

6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2011-10015-8.

Schopper:2012:CAE

[Sch12] Herwig Schopper. CERN's accelerators, experiments and international integration 1959–2009. *European Physical Journal H*, 36(4):437, March 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/content/pdf/10.1140/epjh/e2012-20067-5.pdf.

Schroer:2013:EJC

[Sch13] Bert Schroer. The Einstein–Jordan conundrum and its relation to ongoing foundational research in local quantum physics. *European Physical Journal H*, 38(2):137–173, March 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2012-30059-x.

Schrimpf:2014:FMD

[Sch14a] Andreas Schrimpf. The first measurement of the deflection of the vertical in longitude. *European Physical Journal H*, 39(3):389–402, September 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2014-40055-2.

Schrimpf:2014:ICC

[Sch14b] Andreas Schrimpf. An international campaign of the 19th century to determine the solar parallax. *European Physical Journal H*, 39(2):225–244, April 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2013-40036-2.

Schweber:2015:HQR

[Sch15] Silvan S. Schweber. Hacking the quantum revolution: 1925–1975. *European Physical Journal H*, 40(1):53–149, March 2015. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL http://link.springer.com/article/10.1140/epjh/e2014-50060-9.

Scholz:2019:CAB

[Sch19] Erhard Scholz. E. Cartan's attempt at bridge-building between Einstein and the Cosserats — or how translational curvature became to be known as torsion. *European Physical Journal H*, 44(1):47–75,

February 2019. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2018-90059-x`. See erratum [Sch20].

Scholz:2020:ECA

[Sch20] Erhard Scholz. Erratum to: E. Cartan's attempt at bridge-building between Einstein and the Cosserats — or how translational curvature became to be known as torsion. *European Physical Journal H*, 45(4–5):345–374, December 2020. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/e2020-0001s-y`. See [Sch19].

Sonin:2022:HZM

[SCS22] Anatoly S. Sonin, Natalia A. Churochkina, and Andrei A. Sonin. Hans Zocher and mineral liquid crystals. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-021-00035-4`.

Sagdeev:2018:IRS

[SD18] Roald Z. Sagdeev and Patrick H. Diamond. An interview with Roald Sagdeev: his story of plasma physics in Russia, 1956–1988. *European Physical Journal H*, 43(4–5):355–396, December 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2018-90042-3`.

Smith:2020:MSC

[SGD20] William Smith, Martyn Guest, and Paul Durham. Molecular simulation and the collaborative computational projects. *European Physical Journal H*, 45(4–5):259–343, December 2020. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/e2020-10034-9`.

Shlosman:2012:SMS

[Shl12] S. Shlosman. From the seminar on Mathematical Statistical Physics in Moscow State University, 1962–1994. Constructive criteria. *European Physical Journal H*, 37(4):595–603, September 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-10050-x`.

Sinai:2012:SMS

[Sin12] Ya. G. Sinai. From the seminar on Mathematical Statistical Physics in Moscow State University, 1962–1994. How everything started. *European Physical Journal H*, 37(4):567–569, September 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-10055-6`.

Smorenburg:2014:CFE

[SKL14] P. W. Smorenburg, L. P. J. Kamp, and O. J. Luiten. Classical formulations of the electromagnetic self-force of extended charged bodies. *European Physical Journal H*, 39(3):283–302, September 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2014-50015-2`.

Stella:2011:GGD

[SM11] Bruno R. Stella and Hans-Jürgen Meyer. Υ (9.46 GeV) and the gluon discovery (a critical recollection of PLUTO results). *European Physical Journal H*, 36(2):203–243, September 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-10029-3`.

Smith:2013:WDM

[Smi13] Anders Smith. Who discovered the magnetocaloric effect? *European Physical Journal H*, 38(4):507–517, September 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40001-9`.

Soding:2010:DG

[Söd10] P. Söding. On the discovery of the gluon. *European Physical Journal H*, 35(1):3–28, July 2010. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2010-00002-5`.

Sommerfeld:2014:FSH

[Som14a] A. Sommerfeld. The fine structure of hydrogen and hydrogen-like lines. *European Physical Journal H*, 39(2):179–204, April 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40054-0`.

Sommerfeld:2014:TBS

[Som14b] A. Sommerfeld. On the theory of the Balmer series. *European Physical Journal H*, 39(2):157–177, April 2014. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2013-40053-8`.

Spearman:2010:JM

[Spe10] T. D. Spearman. James MacCullagh 1809–1847. *European Physical Journal H*, 35(2):113–122, November 2010. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2010-00012-2`.

Spiering:2012:CRG

[Spi12a] Christian Spiering. Cosmic rays, gamma rays and neutrinos: a survey of 100 years of research. *European Physical Journal H*, 37 (3):319–321, August 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2012-30035-0.pdf`.

Spiering:2012:THE

[Spi12b] Christian Spiering. Towards high-energy neutrino astronomy. *European Physical Journal H*, 37(3):515–565, August 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-30014-2`.

Salisbury:2017:LRG

[SS17] Donald Salisbury and Kurt Sundermeyer. Léon Rosenfeld's general theory of constrained Hamiltonian dynamics. *European Physical Journal H*, 42(1):23–61, April 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2016-70042-7.pdf`.

Steinhauser:2016:HSF

[Ste16] Georg Steinhauser. Hahn and Strassmann's first credible, yet erroneous approximation to the discovery of nuclear fission. *European Physical Journal H*, 41(3):265–266, September 2016. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/accesspage/article/10.1140/epjh/e2016-70043-y`.

Straumann:2011:FSC

[Str11] Norbert Straumann. On the first Solvay Congress in 1911. *European Physical Journal H*, 36(3):379–399, November 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-20043-9`.

Schlatter:2012:SHL

[SZ12] W.-D. Schlatter and P. M. Zerwas. Searching for Higgs: from LEP towards LHC. *European Physical Journal H*, 36(4):579–600, March 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-20069-1`.

Taltavull:2020:RLF

[Tal20] Marta Jordi Taltavull. Rudolf Ladenburg and the first quantum interpretation of optical dispersion. *European Physical Journal H*, 45(2–3):123–173, September 2020. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/e2020-10027-6`.

Tannenbaum:2016:WW

[Tan16] M. J. Tannenbaum. Waiting for the W. *European Physical Journal H*, 41(4–5):303–325, November 2016. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/accesspage/article/10.1140/epjh/e2016-70048-7`.

Tannenbaum:2018:HHC

[Tan18] M. J. Tannenbaum. How hadron collider experiments contributed to the development of QCD: from hard-scattering to the perfect liquid. *European Physical Journal H*, 43(2):119–183, May 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2017-80056-0`.

Tipler:2013:PKA

[Tip13] Frank J. Tipler. Perry, Kelvin, and the age of the sun. *European Physical Journal H*, 38(3):405–409, April 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-30021-5`.

Trimble:2010:OAC

[Tri10] Virginia Trimble. The origins and abundances of the chemical elements before 1957: from Prout's hypothesis to Pasadena. *European Physical Journal H*, 35(1):89–109, July 2010. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2010-00006-9`.

Trimble:2017:WW

[Tri17] Virginia Trimble. Wired by Weber. *European Physical Journal H*, 42(2):261–291, June 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2016-70060-5.pdf`.

Trautman:2019:MME

[TS19] Andrzej Trautman and Donald Salisbury. Memories of my early career in relativity physics. *European Physical Journal H*, 44(4–5):391–413, November 2019. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2019-100044-5; https://link.springer.com/content/pdf/10.1140/epjh/e2019-100044-5.pdf`.

Tsesmelis:2012:JSM

[Tse12] Emmanuel Tsesmelis. Jack Steinberger: Memories of the PS and of LEP. *European Physical Journal H*, 36(4):455–467, March 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-20066-1`.

Taylor:2019:LPU

[TWZ19] Thomas Taylor, Horst Wenninger, and Antonino Zichichi. LAA: a project using dedicated funding to develop technology for high-energy physics experiments. *European Physical Journal H*, 44(4–5):307–319, November 2019. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2019-100010-9`.

vonNeumann:2010:PET

[vN10] J. von Neumann. Proof of the ergodic theorem and the H-theorem in quantum mechanics. *European Physical Journal H*, 35(2):201–237, November 2010. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2010-00008-5`.

Villone:2017:HHG

[VR17] Barbara Villone and Cornelius Rampf. Hermann Hankel's "On the general theory of motion of fluids". *European Physical Journal H*, 42(4–5):557–609, December 2017. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic).

vanStrien:2021:WPE

[vS21] Marij van Strien. Was physics ever deterministic? The historical basis of determinism and the image of classical physics. *European Physical Journal H*, 46(1):??, December 2021. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-021-00012-x`.

Vincent:2022:EOC

[VT22] Dwight E. Vincent and David R. Topper. Einstein's Oxford cosmology blackboards: open portals to 1931. *European Physical Journal H*, 47(1):??, December 2022. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-022-00046-9`.

Wagner:2018:HRI

[Wag18] F. Wagner. The history of research into improved confinement regimes. *European Physical Journal H*, 43(4–5):523–549, December 2018. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2016-70064-9; http://link.springer.com/content/pdf/10.1140/epjh%2Fe2016-70064-9.pdf`.

Weidenmuller:2015:NPH

[Wei15] Hans A. Weidenmüller. Nuclear physics in Heidelberg in the years 1950 to 1980. Personal recollections. *European Physical Journal H*, 40(3):279–299, September 2015. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2015-60019-4`.

Weinberg:2021:DEF

[Wei21] Steven Weinberg. On the development of effective field theory. *European Physical Journal H*, 46(1):??, December 2021. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-021-00004-x`.

Wu:2021:ETU

[Wu21] Biao Wu. Everett's theory of the universal wave function. *European Physical Journal H*, 46(1):??, December 2021. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-021-00001-0`.

Walter:2012:EHC

[WW12] M. Walter and A. W. Wolfendale. Early history of cosmic particle physics. *European Physical Journal H*, 37(3):323–358, August 2012. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2012-30020-1`.

Zaghloul:2011:IFP

[Zag11] M. R. Zaghloul. Inconsistency in Fermi's probability of the quantum states. *European Physical Journal H*, 36(3):401–406, November 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-20018-8`. See erratum [Zag13].

Zaghloul:2013:EIF

[Zag13] Mofreh R. Zaghloul. Erratum to: Inconsistency in Fermi's probability of the quantum states. *European Physical Journal H*, 38(2):279, March 2013. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/content/pdf/10.1140/epjh/e2013-40005-1.pdf`. See [Zag11].

Zeh:2011:FIQ

[Zeh11] H. D. Zeh. Feynman's interpretation of quantum theory. *European Physical Journal H*, 36(1):63–74, July 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-10035-2`.

Zinth:2011:LJL

[ZLK11] Wolfgang Zinth, Alfred Laubereau, and Wolfgang Kaiser. The long journey to the laser and its rapid development after 1960. *European Physical Journal H*, 36(2):153–181, September 2011. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `http://link.springer.com/article/10.1140/epjh/e2011-20016-0`.