Christoph Scheidenberger

Institute

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Current Position

Full Professor (W3) for Experimental Nuclear Physics, University Giessen, 2007 –
Deputy Research Director, NUSTAR, GSI Darmstadt, 2007 –
Leading Scientist at GSI, 2007 –
FRS/SFRS department leader

Scientific Career

Research Assistant at GSI Darmstadt, 1991 – 1994
Postdoctoral Researcher at GSI Darmstadt, 1995 – 1999
Research Associate, CERN Geneva, 1999 – 2000
Research Scientist, GSI Darmstadt, 2000 – 2007

Prizes and Awards

SUNAMCO Medal of IUPAP for Direct Mass Measurements, 1998
Membership Award 2005 of GENCO
Membership Award 2012 Academia Europaea

Functions

Member of the Scientific Council of GSI, 2001 – 2007
Member of the Scientific Directorate of GSI, 2007 – 2010
Deputy Coordinator of I3 EURONS, 2003 – 2008
Chair of the Board of Directors of the "Euroschool on Exotic Beams", 2006 – 2019
Project Manager of KVI-GSI cooperation, 2007 – 2013
NUSTAR Member of the FAIR Joint Core Team, Darmstadt, 2008 – 2010
Member of the Programme Advisory Committee of GANIL (France), 2006 – 2010
Member of the CERN-INTC (Switzerland), 2007 – 2012
Member of RIKEN Programme Advisory Committee (Japan), 2011 -2014
PAC member of the Cyclotron Center of Bronowice (Poland), 2013 -
Member of various conference IACs (EMIS, TCPFI, COMEX, NIC, EURORIB, etc.)
Member of the International Scientific Advisory Board (ISAB) of ELI-NP (Romania), 2011-
Member of the IPN-Orsay Conseil Scientifique et Technique (CST), 2014-2017
Member of the Scientific and Strategic Council (SSC) of IJCLab, 2020-
Member of the GANIL Scientific Council, 2022-
(Co-)Spokesperson of many experiments (S020, S258, E019, E036, E055, S511, etc.)
Member of “Promotionszentrum für Ingenieurwissenschaften” at FCMH (Forschungscampus Mittelhessen), 2018-
Member of the Editorial Board of "Progress in Particle and Nuclear Physics", 2019-2021
Member of the ENSAR2 Project Coordination Committee, 2016-2021
Member of the Dubna international review Working Group for the JINR Long-Term Development Strategy up to 2030 and beyond (LTDS), 2021-.
Member of NuPECC writing groups for Long-Range-Plan 2010, 2017
Work-Package Leader “Light Radioactive Beams” in ERC Advanced Grand project “BARB” (Biomedical Applications of Radioactive ion Beams), 2020-
Transnational Access to GSI-FAIR work-package leader within EC-funded project EuroLabs (European Laboratories for Accelerator Based Science), 2022-

Research Areas

Atomic and nuclear interaction of heavy ions in matter at SIS and SPS energies
Exotic nuclei, nuclear structure and nuclear astrophysics, superheavy elements
Production and separation of exotic nuclei, precision experiments with trapped and stored nuclei, reaction studies, new isotopes, halo nuclei, decay properties and spectroscopy, mass spectrometry, ion cooling
Application and use of radioactive beams in radiation therapy
Production and study of hypernuclei and exotic atoms with invariant-mass spectroscopy

Refereeing Activities

EPJ, Hyp.Int., NIM, Phys.Scr., PLB, PRC, PRL
ANVUR (The National Agency for the Evaluation of Universities and Research Institutes, Italy)
ERC (European Research Council, European Commission)
JSPS (Japan Society for the Promotion of Science)
NCN (National Science Centre Poland)

	STFC (Science and Technology Facilities Council, UK) AvH (Alexander von Humboldt-Stiftung Foundation, Germany) ISF (Israel Science Foundation, Israel)
Books	Electromagnetic Isotope Separators and Techniques Related to their Applications, Proceedings of EMIS-13 (1996), Eds. G. Münzenberg, H. Geissel, C. Scheidenberger, North Holland (1997). The Euroschool on Exotic Beams, Springer LNP 879, Eds. C. Scheidenberger, M. Pfützner (2014) The Euroschool on Exotic Beams, Springer LNP 948, Eds. C. Scheidenberger, M. Pfützner (2018)
Performance Indicators (WoS)	As of December 2021: 406 publications, >12,500 citations (>10,700 without self citations), h-index: 62, on average 31 citations per item