

Prof. Dr. Wolfgang Sandner

Director General and CEO

ELI-DC International Association (AISBL)
The European Extreme Light Infrastructure ELI
www.eli-laser.eu

Professor of Physics, Technische Universität Berlin



Postal Address:

c/o Max Born Institut
Max Born Strasse 2A, 12489 Berlin,

Tel.: +49 (0) 30-6392-1300,

Fax: +49 (0) 30-6392-1309

e-mail: wolfgang.sandner@eli-laser.eu

Professional Career:

1979	PhD in atomic physics, University of Freiburg, Germany
1986	Professor (acting, C3), University of Würzburg, Germany
1987 -1991	Professor of Physics (C2), University of Freiburg, Germany
1991 -1994	Full Professor of Physics (tenured), University of Tennessee, Knoxville, Tennessee, USA
Since 8/1994	Full Professor of Physics (C4), Technical University of Berlin, Germany
1993-2013	Director, Max Born Institute for Non-linear Optics and Short-Pulse Spectroscopy, Berlin-Adlershof, Germany
1993-2013	Member of the Board of Directors, Forschungsverbund Berlin e.V, Germany
Since 10/2013	Leading Scientist, Deutsches Elektronensynchrotron DESY, Hamburg
Since 10/2013	Director General and CEO, ELI-DC International Association (AISBL), The European Extreme Light Infrastructure ELI

Present fields of research:

- Atomic and laser physics
- Basic research on light-matter interaction at ultra-high intensities;
- Development and application of short-pulse-lasers of highest peak power and of highest average power, including lasers for special applications (e.g. FELs);
- Research on and with Laser-based UV- und X-ray sources

Scientific work

More than 200 refereed publications in international journals,
Numerous invited talks at international conferences.

Recent activities in scientific organisations and honorary positions

- President (2010 - 2012), and Vice-President (2012-2014), Deutsche Physikalische Gesellschaft [DPG](#) (German Physical Society)
- Co-ordinator, Chair of the Participants Council and Chair of the Management Board, EC Research Infrastructure Network "[LASERLAB-EUROPE](#)" in the 6th and 7th Framework Programme of the European Union (2003-2013)
- Board Membership in scientific organisations (selection):
 - Vice Chair, International Committee on Ultra-High Intensity Lasers [ICUIL](#), (2008-2012)
 - European Association of National Research Facilities [ERF](#)
 - Executive Board, The European [HiPER](#) project (High Power Laser Energy Research Facility) (since 2008)
 - Board of Stakeholders, EU Technology Platform "[Photonics21](#)" (since 2005)
 - Board of Trustees, [Berthold Leibinger Stiftung GmbH](#), Ditzingen, Germany
- Current membership in Scientific Advisory Boards (SAB, selection):
 - Chair, Photon Science Facility Board, Science and Technology Facilities Council [STFC](#), UK (since 2009)
 - Chair, Scientific Advisory Board, Munich-Centre for Advanced Photonics [MAP](#), Garching, Germany (since 2008)
 - Member, Scientific Council, Helmholtz Institute Jena, Helmholtz Gemeinschaft [HGE](#), Germany (since 2009)
 - Member, International Advisory Panel, Institute for Plasmas and Nuclear Fusion [IPFN](#), Lisbon, (since 2008)
 - Member, International Advisory Committee, Exawatt Laser Facility [XCELS](#), Institute of Applied Physics, Russian Academy of Sciences, Nizhny Novgorod, Russia (since 2011)
 - Member, Scientific Advisory Board, [Wilhelm und Else Heraeus Stiftung](#), Hanau (2012-2013)
- Science Policy Consulting (selection):
 - Member, Program Advisory Board "Photonik2020", German Federal Ministry for Research and Education (BMBF), Bonn (since 2000)
 - Representative of the Board on EU issues, Leibniz Association WGL, Berlin (2009-2013)
 - Member, EC Expert Panel on Russian Megascience Projects, (since 2013)

Fellow of the American Physical Society (since 1993)