

Name: Thomas Tschentscher

Date of birth: 06.05.64

Professional employment and academic education:

Since 2010 Scientific Director European XFEL GmbH, Hamburg
1997 – 2009 Senior scientific staff at DESY, Hamburg
1995 – 1997 Responsible beamline scientist (ID15) at ESRF, Grenoble
1993 – 1995 Beamline scientist (ID15) at ESRF, Grenoble
1990 – 1993 PhD in Condensed matter physics at University Hamburg & DESY
1984 – 1989 Physics study at TU Clausthal-Zellerfeld and U Hamburg

Selected professional memberships:

Since 2013 Member of the LCLS Science Advisory Committee, SLAC, Stanford
2010 – 2012 Member of the LCLS Proposal Review Panel, SLAC, Stanford
2004 – 2009 Member of the LCLS Facility Advisory Committee, SLAC, Stanford
Since 2005 Member of the editorial board of High Energy Density Physics
Since 1994 Referee for several international journals, e.g. Applied Physics Letters,
Journal of Applied Physics, Journal Physics B, Review of Scientific
Instruments, Physics of Plasmas, Journal of Chemical Physics

Selected research topics and accomplishments:

1. Ultrafast x-ray science in areas of high energy density science, condensed-matter research and photo-chemistry. See e.g.: B. Nagler et al., *Nature Phys.* **5**, 693 (2009); D.M. Fritz et al., *Science* **315**, 633 (2007); M. Messerschmidt et al., *J. Phys. Chem. A* **114**, 7677 (2010).
2. X-ray instrumentation for accelerator-based sources (SRs, FELs). See e.g.: I. Grguras et al., *Nature Phot.* **6**, 852 (2012); G. Geloni et al., *New Jour. Physics* **12**, 035021 (2010); A.L. Cavalieri et al., *Phys. Rev. Lett.* **94**, 114801 (2005).