
Personal data

Name: Thomas NIEHAUS
Affiliation: Institut Lumière Matière
Université Claude Bernard Lyon 1

Scientific career

12/2015 - Present Professor of Physics, Université Claude Bernard Lyon 1
Chaire d'excellence du labex iMUST

04/2010 - 11/2015 Professor of Theoretical Physics, University of Regensburg

04/2006 - 03/2010 Head of the research group *Electron Dynamics in Complex Systems*
at the Bremen Center for Computational Materials Science (BCCMS)

11/2000 - 03/2006 Scientific assistant at the University of Paderborn
with Prof. Th. Frauenheim

04/2001 PhD (Dr. rer. nat.) [*with first class honours*]
Thesis: *Development of approximate methods
in time-dependent density functional theory*
Supervisors: Prof. Th. Frauenheim and Prof. S. Suhai

08/1997 - 10/2000 Fellowship holder at the German Cancer Research Center
in Heidelberg with Prof. S. Suhai

04/1991 - 06/1997 Studies in Physics at the University of Heidelberg
Degree: Diplom [*excellent*]
Thesis: *δ -Optimization in Quantum Chromodynamics*
Supervisor: Prof. D. Gromes

Sojourns as guest scientist

(06/2001, 10/2002, 09/2003, 04-05/2004, 12/2005, 05-06/2014) Prof. A. Di Carlo, Università di Roma (Tor Vergata), Italy · (02/2005) Prof. R.Q. Zhang, City University of Hong Kong, Hong Kong · (12/2003, 07/2005) Prof. S.R. Elliott, University of Cambridge, UK · (05-06/2002) Quantum Protein Center (QUP), Copenhagen, Denmark

Focal areas of research

Light-matter interaction in nanostructures · Optoelectronic and energy conversion materials · Time-dependent Density Functional Theory · Computational nanoelectronics · Spectroscopy of biological systems

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