

Curriculum vitae



Personal Details

Name	Stefan LUDING, Dr. rer. nat.
Position	Professor MultiScaleMechanics
Date of birth	August, 16, 1964
Nationality	German
Marital status	Married

Education/Career

1974-1984	High School in Naila, Germany, diploma <i>Abitur</i> 1984.
1984-1985	German military service
1985-1989	Studies of physics with minor informatics at the University of Bayreuth
1989-1990	Masters thesis, advisor Prof. Dr. A. Blumen “Modelle zur Reaktion in eingeschränkten Medien”
1990-1991	Research Assistant at the University of Bayreuth
Aug. 1991	Change to the University of Freiburg - PhD studies at the institute: Theoretische Polymerphysik, advisor: Prof. Dr. A. Blumen
Oct. 1994	PhD thesis: “Models and Simulations of granular Materials”
1994-1995	PostDoc position in Paris (EU stipend in the program “Human Capital and Mobility”)
1995-2000	Research Assistant at the Institut für Computeranwendungen 1 in Stuttgart, Germany
1997-2000	Habilitation (german position <i>Privatdozent</i>): “Die Physik kohäsionsloser granularer Medien”
2000-2001	Assistant Professor C2 (german position <i>Hochschuldozent</i>)
2001-2007	Associate Professor for Particle Technology at DelftChemTech, TUDelft, The Netherlands
2007-now	Professor for MultiScaleMechanics Mechanical Engineering, UTwente, Enschede, The Netherlands

Languages

german, english, dutch, french

Science and Science Management

since 1991 74 reviewed and 49 proceedings publications, see pp. 3–13
since 1995 Research proposals (4 PhD students and 3 PostDocs), see page 20
since 1997 Organization of workshops and conferences, see page 21
since 1998 Managing Editor of the journal “Granular Matter”,
and various editing and refereeing activities, see page 22
since 2003 Young Wild Ideas committee head in the
framework of the Delft Centre for Materials (DCMat)
since 2005 President of the (AEMMG) Association pour
L’Etude de la Micromecanique des Milieux Granulaires

Teaching Experience

1991-1997 Tutor for various theoretical courses
1995-1997 Lecture: “Theory and Simulation of Granular Media”
1997 Lecture: “Introduction to Programming C++”
1998-1999 Lecture: “Physics on the Computer I & II”
1999-2000 Lecture: “Continuum Mechanics”
2000-2001 Lecture: “Thermodynamics and Statistical Physics”
2002-2007 Lecture: “Particle Technology I”
2004-2007 Lecture: “Micro-Macro methods for Particulate Materials”
1990-now Seminars and talks, see page 13
1999-now Advisor for Master- and PhD thesis, see page 24

Additional Experience

1986-1988 Programmer at computer center Univ. of Bayreuth
1988 2 months Practical stage at SIEMENS in Munich, Germany
1988-1994 Software development for traders and hotels
1991-1994 Computer administration in Freiburg, Germany

Professional Memberships

German Physical Society
GVC-VDI Fachausschuss: Agglomerations- und Schüttguttechnik
EFCE Working Party on Mechanics of Particulate Solids
Member IFMCGM (Int. Fed. Measur. & Contr. Granular Materials)
Member of J. M. Burgers Centrum, Netherlands
Member of Delft Centre for Materials (YWI committee head)
Member of Delft Center for Computational Science and Engineering