

# 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	<b>Managing Editor of the journal “Granular Matter”</b> , 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	<b>President of the (AEMMG) Association pour L’Etude de la Micromecanique des Milieux Granulaires</b>

## 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