

## Curriculum Vitae of Andreas Ludwig

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| 1957          | Prof. Ludwig was born in Hamm (Germany)  |
| 10/78 - 10/87 | Study of physics at the University of Düsseldorf (Germany)   |
| 04/88 - 03/92 | Research assistant at the Max Planck Institute for Iron Research Düsseldorf (Germany)  |
| 01/92         | Dr. rer. nat. at RWTH Aachen (Germany)   |
| 04/92 - 03/93 | Research assistant at the Foundry Institute at RWTH Aachen (Germany)   |
| 04/93 - 10/94 | Scholar of the German Science Foundation at EPFL Lausanne (Switzerland)  |
| 11/94 - 12/02 | Research group leader at the Foundry Institute at RWTH Aachen (Germany)  |
| 02/99         | Habilitation on Material Physics at the RWTH Aachen (Germany)  |
| 01/03 - Date  | Full Professor at Montanuniversitaet Leoben (Austria)  |
| 07/04 - 06/11 | Head of the Christian-Doppler Laboratory for Multiphase Modeling of Metallurgical Processes, Leoben (Austria)                              |
| 01/08 - 12/12 | Member of the Reviewing Committee for the Leoben's K2-Center for Materials Engineering, Process Engineering and Product Development (MPPE) |
| 01/08 - Date  | Scientific area leader of the Leoben's K2-Center for Materials Engineering, Process Engineering and Product Development (MPPE)             |
| 06/09 - Date  | Member of the Austrian Committee of the International Institute for Applied System Analysis (IIASA)  |
| 10/14 - Date  | Board member of the Austrian Science Fund (FWF) as alternate reporter for Engineering Technology   |

### *Conference chairman:*

Prof. Ludwig chaired the following four international conferences

- 2nd Int. Conf. Sim & Modelling of Metallurgical Processes in Steelmaking (SteelSim2007) Graz, Sept. 12-14 2007
- 2nd Int. Conf. Advances in Solidification Processes (ICASP-2) Graz, June 17-20 2008
- 3rd Int. Conf. Sim & Modelling of Metallurgical Processes in Steelmaking (SteelSim2009) Leoben, Sept. 8-10 2009
- 13th Int. Conf. Modeling of Casting, Welding and Advanced Solidification Processes (MCWASP2012) Schladming, June 17-22 2012
- Int. Conf. Materials, Processing and Product Engineering (MPPE 2015), Leoben, Nov. 2-5 2015

### *Volunteer referee tasks:*

Prof. Ludwig acts occasionally as referee for different national and international research foundations and as external member of Ph.D. commissions and commissions for tenure track and full professor ship positions. For more than 12 international journals and several international conferences he serves as reviewer.

### *Worth remarking:*

Since spring 2013, the database SCOPUS reveals Prof. Ludwig to be the world-leading scientist with regards of publications on "macrosegregation".

Prof. Ludwig has contributed to 337 scientific publications of which most are directly available on "<http://smmp.unileoben.ac.at/de/2706/>". (130 journals, 21 books and contributions to books, 158 conference proceedings and 28 non-peer reviewed publications). 193 documents with Prof. Ludwig as author are listed in Scopus. Prof. Ludwig has an H-factor of 20.