

# 1 Curriculum Vitae: Ernst Kozeschnik

## Personal Data

Date of Birth 15 January 1966  
Place of Birth Leoben  
Nationality Austria

## Education

1984 High school graduation, Ingeborg Bachmann-Gymnasium, Klagenfurt  
1993 Diploma, Technical Physics, Graz University of Technology  
1997 Dr. techn. (Ph. D.), Graz University of Technology  
2005 Habilitation in *materials science*, Graz University of Technology

## Career History

1998-1999 'Erwin Schrödinger Stipendium' at Oak Ridge National Laboratory, Oak Ridge, TN, USA  
1999-2005 Research assistant, Graz University of Technology  
2007 -2008 Associate Professor at Graz University of Technology  
2008-present Full professor, Institute of Materials Science and Technology, Vienna University of Technology

## Awards

2005 'Prof. Koichi Masubuchi Award' of the American Welding Society.  
2008 Josef Krainer Würdigungspreis des Landes Steiermark

## Publications

more than 65 refereed publications, more than 20 invited talks

## Research Interests

phase transformations, modelling and simulation of precipitation processes, multi-component nucleation, microstructure - property relationship

## Five selected publications (since 2003)

1. J. Svoboda, F. D. Fischer, P. Fratzl and E. Kozeschnik, *Modelling of kinetics in multi-component multi-phase systems with spherical precipitates I. Theory*, Mater. Sci. Eng. A. **385**, 166 (2004).

2. E. Kozeschnik, J. Svoboda, F. D. Fischer,  
*Modified evolution equations for the precipitation kinetics of complex phases in multi-component systems,*  
CALPHAD **28**, 379 (2004).
3. E. Kozeschnik, J. Svoboda, and F.D. Fischer,  
*Shape factors in modeling of precipitation,*  
Mater. Sci. Eng. A **441**, 68 (2006).
4. E. Kozeschnik, W. Rindler and B. Buchmayr,  
*Scheil-Gulliver simulation with partial redistribution of fast diffusers and simultaneous solid-solid phase transformations,*  
Int. J. Mater. Res. **98**, 826 (2007).
5. E. Kozeschnik and H.K.D.H. Bhadeshia,  
*Influence of Silicon on Cementite Precipitation in Steels,*  
Mater. Sci. Techn. **24**, 343 (2008).