



3 - 6 March 2019
Ringberg Castle
Kreuth, Germany



Organised by

Dr. Günter Effenberg / MSI,
Materials Science International
GmbH, Germany

Prof. Andrew Watson / Coventry
University, United Kingdom

Dr. Frank Stein, Dr. Martin Palm /
Max-Planck-Institut für
Eisenforschung GmbH, Germany

In the framework of the
33rd MSIT Annual International
Seminar on Heterogeneous
Multicomponent Equilibria.

MSIT[®], a global network of experts,
cooperates for over 30 years,
structured regionally, operating
globally (MSIT Russia, MSIT China,
MSIT Europe, MSIT Africa).
More than 270 scientists compile
and evaluate data, generate
missing data, create phase
diagrams and describe the
materials constitution. They
published more than 56 reference
books, edited by MSI.

3rd MSIT Winter School on Materials Chemistry

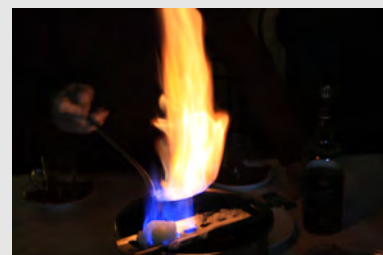
The aim of the MSIT Winter Schools is to provide first-class tuition in a selection of subjects closely associated with the study of phase equilibria in Materials Science. The course, which is spread over three full days, comprises 4-5 'modules' on topics such as Phase Equilibria, Crystallography and Computational Thermodynamics. Each module will involve lectures, demonstrations and problems classes, written and given by members of the MSIT who are world experts in their respective fields.

Delegates will have the opportunity to interact with the participants of the 33rd Annual MSIT Workshop on Heterogeneous Multicomponent Equilibria at the joint sessions and social events organised within the Castle, and so learn of the important work that the team undertakes in the critical evaluation of constitutional data. Delegates will also have the opportunity to stay for the whole week and join in with the MSIT Workshop.

The School is aimed at Materials Scientists of all levels; from Undergraduate and Postgraduate students, to Post Doctoral scientists and those working in industry.

The following topics will be highlighted in the lectures

- Principles of Chemical Thermodynamics
- Phase Diagrams and Phase Equilibria (basic and advanced level)
- Experimental Determination of Phase Diagrams
- Crystallography
- Experimental Methods in Thermodynamics
- Ab-initio Techniques
- Computational Thermodynamics
- Calphad Method



Registration starts in September 2018

<http://www.msiport.com/msit-school/>

