

esomat 2015

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More info: www.uantwerp.be/esomat-2015



ESOMAT

European Symposium On Martensitic Transformations

2015

14-18 September 2015

University of Antwerp, downtown Antwerp, Belgium

*Put these dates
in your calendar
!!!*



 Universiteit
Antwerpen



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WELCOME

Nick Schryvers and Jan Van Humbeeck cordially invite you to join them at the next ESOMAT meeting in 2015 in Antwerp, Belgium. Today the martensite community in Europe is very active with several large networks and specialised research groups focusing on various matters concerning the fundamental scientific questions and potential technological applications of martensitic and related transformations.



It is the aim of the organizers to continue the tradition of a well-focused meeting, a tradition which started in 1989 in Bochum, Germany, with the most recent event of the series having been organized in 2012 in St. Petersburg, Russia. At the same time, with the field maturing some new activities are planned to allow the symposium to cover more aspects of these special systems.

• CHAIRS •

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and

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• HIGHLIGHTS •

- Introductory lectures by specialists in the field •
- Thematic sessions with invited and oral presentations •
- Large poster area •
- Exhibition •
- Beer tasting evening •
- Conference dinner in Horta Grand Café •
- Antwerp site seeing tour “From Cathedral to Cathedral” •

• SCIENTIFIC TOPICS INCLUDE •

- Fundamental aspects, thermodynamics and crystallography of martensitic and other displacive transformations
- Martensitic and other displacive transformations in:
 - Ni-Ti based alloys
 - noble and transition metal based alloys
 - magnetic systems
 - high temperature systems
 - steels, including TRIP/TWIP
 - non-metallic materials
 - thin films, nanosized and/or -structured materials
 - composites and hybrid materials
 - etc.
- Properties and applications of shape memory materials, superelasticity and high damping



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