



# 93<sup>rd</sup> IUVESTA Workshop

Advances in the characterization of surface engineering structures, coatings, and thin films

October 15-19, 2023  
Seggau, Austria

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Sponsored by the International Union of Vacuum Science, Technique and Applications (IUVESTA)

## Scope

The aim of the workshop is to address significant advances in characterization techniques for nanostructure, composition and properties of surface engineering structures, coatings and thin films within the past decade. Invited talks given by well recognized experts will cover mainly, but not only, (synchrotron) X-ray diffraction based techniques, scanning and transmission electron microscopy, atom probe tomography, micro-mechanical testing and in-situ/in-operando and temperature variable setups.

The topical key areas of the workshop will be divided into three groups:

- microstructural, chemical and residual stress characterization,
- nano-/micro-mechanics,
- in-situ/in-operando studies and thermal properties

The workshop is intended to provide a forum and networking venue for scientists, engineers and technologists from academia, government laboratories and industry.

## Invited speakers

- **Gregory Abadias**, Université de Pointiers, France
- **Christoph Gammer**, ÖAW, Austria
- **Grzegorz Greczynski**, Linköping University, Sweden
- **Rainer Hahn**, TU Wien, Austria
- **Markus Hans**, RWTH Aachen, Germany
- **Jozef Keckes**, Montanuniversität Leoben, Austria
- **Daniel Kiener**, Montanuniversität Leoben, Austria
- **Johann Michler**, EMPA, Switzerland
- **Warren Oliver**, KLA Instruments, USA
- **Per Persson**, Linköping University, Sweden
- **Ivan Petrov**, University of Illinois at Urbana Champaign, USA
- **Daniel Primetzhofer**, Uppsala University, Sweden
- **Bernhard Sartory**, Materials Center Leoben GmbH
- **Michael Tkadletz**, Montanuniversität Leoben, Austria
- **Markus Winkler**, Fraunhofer IPM

## Organizers

Jozef Keckes  
Ivan Petrov  
Nina Schalk  
Michael Tkadletz  
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## Important dates: mark your calendar

Abstract submission:	May 10, 2023
Notification of acceptance:	early June 2023
Full registration of participants:	July 15, 2023



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