

45th ICMCTF

International Conference on
Metallurgical Coatings and Thin Films
April 23-27, 2018
San Diego, CA, USA

<http://www2.avs.org/conferences/icmctf/>

Town & Country Hotel
&
Convention Center

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Conference Overview

The ICMCTF is the premier international conference in the field of thin-film deposition, characterization and advanced surface engineering promoting global exchange of ideas and information among scientists, technologists and manufacturers. The conference includes more than 60 high-profile invited speakers across twelve symposia, several featured lectures, as well as focused topic sessions, short courses, an equipment exhibition, and daily social networking events.

Technical Symposia

- A** Coatings for Use at High Temperatures
- B** Hard Coatings and Vapor Deposition Technologies
- C** Fundamentals and Technology of Multifunctional Materials and Devices
- D** Coatings for Biomedical and Healthcare Applications
- E** Tribology and Mechanical Behavior of Coatings and Engineered Surfaces
- F** New Horizons in Coatings and Thin Films
- G** Surface Engineering - Applied Research and Industrial Applications
- H** Advanced Characterization Techniques for Coatings and Thin Films

Topical Symposia

- TS1** Thermal and Kinetic Spray Deposition
- TS2** High Entropy and Other Multi-principal-element Materials
- TS3** Coatings of Synthetic Materials - Engineering for the Future
- TS4** Materials Modeling and Simulation

Of Special Interest: Several Featured Lectures

Important Dates - Mark Your Calendar!

Abstract Submission: October 1, 2017

Awards Nominations: October 1, 2017

Early Registration Discounted Fee: March 23, 2018

(Presenting authors, you must be registered by March 23 to remain in the Program Book)

Manuscript Submission: April 1, 2018



Plenary Lecture

April 23, 8 am, Town & Country Room

"Predictive Synthesis and Characterization of Oxide Films with Metastable Structures"

Gregory S. Rohrer, W.W. Mullins Professor, Head, Department of Materials Science, and Engineering, Carnegie Mellon University, Pittsburgh PA, USA



Exhibition Keynote Lecture

April 24, 11 am, Town & Country Room

"Enabling Mobility for Tomorrow with Surface Technology"

Nazlim Bagcivan, Director, Coating Center, Competence Center Surface Technology Schaeffler AG, Herzogenaurach, Germany

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