42nd ICMCTF
Symposium & Exhibition
April 20–24, 2015
San Diego, CA, USA

Call for Abstracts & Awards Nominations

Deadline: October 1, 2014

• 7 Technical Symposiums
• 6 Topical Symposiums
• Plenary & Exhibition Keynote Speakers
• 60+ Invited Speakers
• TWO DAY EXHIBITION – April 21–22, 2015
• Short Courses – Educational Program
• Focused Topic Sessions
• Daily Social Events

Complete details available at:
http://www2.avs.org/conferences/icmctf

scan here for more details

AVS/ICMCTF
American Vacuum Society
328 Whitney Court
Havre de Grace, MD 21078 USA

Deadline: October 1, 2014

CONTACTS

General Chair  Claus Rebholz  claus@ucy.ac.cy
Program Chair  Suneel Kodambaka  kodambaka@ucla.edu
Exhibit Manager  Jeannette DeGennaro  Jeannette@avs.org
Conf. Manager  Phyllis Greene  phyllis.greene@mx.uillinois.edu
Conf. Secretary  Mabel Zabinski  icmctf@icmctf.org
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 13 symposia, along with focused topic sessions, short courses, equipment exhibition, awards convocation, and social events.

| A | Coatings for Use at High Temperature |
| B | Hard Coatings and Vapor Deposition Technology |
| C | Fundamentals and Technology of Multifunction Thin Films |
| D | Coatings and Biomedical and Healthcare Applications |
| E | Tribology & Mechanical Behavior of Coatings and Engineered Surfaces |
| F | New Horizons in Coatings and Thin Films |
| G | Applications, Manufacturing, and Equipment |
| TS1 | Mechanical Aspects of Biointerfaces |
| TS2 | Advanced Characterization of Coatings and Thin Films |
| TS3 | Energetic Materials and Micro-Structures for Nanomanufacturing |
| TS4 | Graphene and 2D Nanostructures |
| TS5 | Plasma Diagnostics and Modeling |
| TS6 | Atmospheric Plasma Applications |

Plenary Lecture
“Connecting Residual Stress and Thin Film Growth Processes: Real-time Experiments and a Kinetic Model”
Professor Eric Chason
Professor of Engineering, Brown University, USA

Exhibition Keynote Lecture
“Synthesis of Oxides by Reactive Cathodic Arc Evaporation: Target Surface, Condensation and Coating Properties”
Dr. Jürgen Ramm
Manager, R&D New Technologies
Oerlikon Balzers, Liechtenstein