



35TH INTERNATIONAL CONFERENCE AND EXPOSITION ON
ADVANCED CERAMICS AND COMPOSITES

Register by
December 27, 2010
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Dileep Singh
ICACC'11 Program Chair
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ACERS ENGINEERING CERAMICS DIVISION LEADERSHIP

- **Trustee:** Mrityunjay Singh, Ohio Aerospace Institute, NASA Glenn Research Center, USA
E-mail: mrityunjay.singh-1@nasa.gov
- **Chair:** Tatsuki Ohji, National Institute of Advanced Industrial Science and Technology (AIST), Japan, t-ohji@aist.go.jp
- **Chair-Elect:** Dileep Singh, Argonne National Lab, USA, dsingh@anl.gov
- **Vice Chair/Treasurer:** Sanjay Mathur, Univ. of Cologne, Germany, sanjay.mathur@uni-koeln.de
- **Secretary:** Sujanto Widjaja, Corning Inc., USA, widjajas@corning.com
- **Chair 2009–2010:** Jonathan Salem, NASA Glenn Research Center, USA, jonathan.a.salem@nasa.gov

Tentative Schedule of Events

Sunday, January 23

Welcome Reception 5:00 – 7:00 p.m.

Monday, January 24

Opening Awards Ceremony and Plenary Session 8:30 a.m. – Noon
Concurrent Technical Sessions 1:20 – 6:00 p.m.

Tuesday, January 25

Concurrent Technical Sessions 8:00 a.m. – 6:00 p.m.
Exposition and Reception 5:00 – 8:00 p.m.
Poster Session A 5:00 – 8:00 p.m.

Wednesday, January 26

Concurrent Technical Sessions 8:00 a.m. – 6:00 p.m.
Exposition and Reception 5:00 – 7:30 p.m.
Poster Session B 5:00 – 7:30 p.m.

Thursday, January 27

Concurrent Technical Sessions 8:00 a.m. – 6:00 p.m.

Friday, January 28

Concurrent Technical Sessions 8:00 a.m. – Noon

Plenary and Awards

2011 James I. Mueller Award



Sylvia M. Johnson
NASA-Ames Research Center
Title: Thermal Protection Materials: From Retrospect to Foresight

Plenary Speakers



William Edward Lee
Imperial College London, U.K.
Title: Opportunities for Advanced Ceramics and Composites in the Nuclear Sector

2011 Bridge Building Award



Lalit Mohan Manocha
Sardar Patel University, India
Title: Carbon/Carbon Composites to Ceramic Matrix Composites: High-End Applications Through Controlled Microstructure



Zhong-Lin Wang
Georgia Institute of Technology
Title: Nanogenerator and Nano-Piezotronics

Concurrent Technical Sessions

1. Mechanical Behavior and Performance of Ceramics and Composites

Sessions	Date	Time
Fracture Mechanics, Modeling and Testing	24-Jan	1:30–5:50 p.m.
Reliability and Life Prediction Methodologies	25-Jan	8:00–10:50 a.m.
Nondestructive Evaluation	25-Jan	10:50 a.m.–12:10 p.m.
Mechanical Behavior of Ceramics and Composites	25-Jan	1:30–5:20 p.m.
Composites: Fibers, Matrices, Interfaces and Applications	26-Jan	8:00–11:50 a.m.
Environmental Effects of Ceramics and Composites	26-Jan	1:30–3:50 p.m.
Characterization	26-Jan	3:50–5:10 p.m.
Processing-Microstructure-Properties Correlations I	27-Jan	8:00 a.m.–12:10 p.m.
Processing-Microstructure-Properties II	27-Jan	1:30–6:10 p.m.
Joining	28-Jan	8:00–9:40 a.m.
Tribological Properties of Ceramics and Composites	28-Jan	9:40–11:40 a.m.

Organizers

- Dileep Singh, Argonne National Lab, USA
- Jonathan A. Salem, NASA Glenn Research Center, USA
- Jon Almer, Argonne National Lab, USA
- Shaoming Dong, Shanghai Institute of Ceramics, China
- Monica Ferraris, Politecnico di Torino, Italy
- Y. Zhou, Harbin Institute of Technology, China
- Michael Halbig, NASA Glenn Research Center, USA
- Greg Hilmas, Missouri Univ. of Science and Technology, USA
- Juergen Heinrich, TU Clausthal, Clausthal Univ. of Technology, Germany
- Andrew Wereszczak, Oak Ridge National Lab, USA
- J. G. Sun, Argonne National Lab, USA

2. Advanced Ceramic Coatings for Structural, Environmental and Functional Applications

Sessions	Date	Time
Thermal Barrier Coatings I	24-Jan	1:30–6:30 p.m.
Thermal Barrier Coatings II	25-Jan	8:00–11:40 a.m.
Environmental Barrier Coatings for Turbine Engines and Extreme Environments	25-Jan	1:30–5:40 p.m.
Functionally Graded Coatings and Interfaces	26-Jan	8:00–10:00 a.m.
Advanced Coating Characterization Methods and Non-Destructive Evaluation	26-Jan	10:00 a.m.–Noon
Coatings to Resist Wear, Erosion and Tribological Loadings	26-Jan	1:30–5:30 p.m.
Advanced Coating Processing and Nanostructured Coating Systems	27-Jan	8:00 a.m.–Noon
Multifunctional and Nanostructured Coating Systems	27-Jan	1:30–5:20 p.m.

Organizers

- Dongming Zhu, NASA Glenn Research Center, USA
- H. T. Lin, Oak Ridge National Lab, USA
- Uwe Schulz, German Aerospace Center, Germany
- Yutaka Kagawa, Univ. of Tokyo, Japan
- Rishi Raj, Univ. of Colorado at Boulder, USA
- David Marshall, Teledyne Scientific and Imaging Company, USA
- Irene T. Spitsberg, Kennametal Inc., USA
- Rainer Gadow, Univ. of Stuttgart, Germany
- Layo Ajayi, Argonne National Lab, USA
- Yong-Ho Sohn, Univ. of Central Florida, USA
- Jow-Lay Huang, National Cheng Kung Univ., Taiwan
- Robert Vaßen, Forschungszentrum Jülich GmbH, Germany
- Rodney W. Trice, Purdue Univ., USA
- Ping Xiao, Univ. of Manchester, UK
- Ming-Show Wong, National Dong Hwa Univ., Taiwan
- Jing Xu, Baker Hughes INTEQ GmbH, Germany

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3. 8th International Symposium on Solid Oxide Fuel Cells (SOFC): Materials, Science, and Technology

Sessions	Date	Time
Cell and Stack Development	24-Jan	1:30–3:20 p.m.
Novel Cell/Stack Design and Processing	24-Jan	3:20–5:50 p.m.
Electrodes I	25-Jan	8:00 a.m.–Noon
Reliability/Degradation	25-Jan	1:30–3:20 p.m.
Sealant Glasses	25-Jan	3:20–5:20 p.m.
Electrodes II	26-Jan	8:00–10:00 a.m.
Electrolytes	26-Jan	10:00 a.m.–Noon
Fuel Reforming	26-Jan	1:30–2:20 p.m.
Electrochemical/Mechanical/Thermal Performance	26-Jan	2:20–5:00 p.m.
Electrolysis	27-Jan	8:00–10:00 a.m.
Surface/Interfacial Reactions	27-Jan	10:00 a.m.–Noon
Interconnects	27-Jan	1:30–6:00 p.m.

Organizers

- Narottam P. Bansal, NASA Glenn Research Center, USA
- Prabhakar Singh, Connecticut Global Fuel Cell Center, Univ. of Connecticut, USA
- Mihails Kusnezoff, Fraunhofer IKTS, Germany
- J. S. Chung, POSTECH, Korea
- T. Horita, AIST, Japan
- Tatsumi Ishihara, Kyushu Univ., Japan
- Alexander Michaelis, Fraunhofer IKTS, Germany
- Nguyen Q. Minh, Consultant, USA
- Mogens Mogensen, Risoe National Lab, Denmark
- J. O'Brien, INL, USA
- Robert Steinberger-Wilckens, Forschungszentrum-Julich GmbH, Germany
- Jeffrey W. Stevenson, Pacific Northwest National Lab, USA
- A. K. Suri, BARC, India
- Toshio Suzuki, AIST, Japan
- Eric D. Wachsman, Univ. of Maryland, USA

4. Armor Ceramics

Sessions	Date	Time
Phenomenology and Mechanics of Ceramics Subjected to Ballistic Impact I	24-Jan	1:30–6:00 p.m.
Phenomenology and Mechanics of Ceramics Subjected to Ballistic Impact II	25-Jan	8:00–10:00 a.m.
High-Rate Real-Time Characterization	25-Jan	10:00 a.m.–12:10 p.m.
Microstructural Design for Enhanced Armor Ceramics	25-Jan	1:30–5:10 p.m.
Nondestructive Characterization	26-Jan	8:00–10:50 a.m.
Multi-Scale Modeling I	26-Jan	10:50 a.m.–Noon
Multi-Scale Modeling II	26-Jan	1:30–2:30 p.m.
Manufacturing	26-Jan	2:30–5:10 p.m.

Organizers

- Jeffrey J. Swab, U.S. Army Research Lab, USA
- James Campbell, U.S. Army Research Lab, USA
- William Cooper, Air Force Research Lab, USA
- Jerry LaSalvia, U.S. Army Research Lab, USA
- Brian Leavy, U.S. Army Research Lab, USA
- James McCauley, U.S. Army Research Lab, USA
- Lisa Prokurat Franks, U.S. Army TARDEC, USA
- David Stepp, U.S. Army Research Office, USA
- Andrew Wereszczak, Oak Ridge National Lab, USA

5. Next Generation Bioceramics

Sessions	Date	Time
Advanced Processing of Bioceramics	25-Jan	1:30–6:00 p.m.
Porous Bioceramics I (jointly with Symposium 9)	26-Jan	8:00 a.m.–Noon
Porous Bioceramics II (jointly with Symposium 9)	26-Jan	1:00–5:50 p.m.
In Vitro and In Vivo Characterization of Bioceramics	27-Jan	8:00 a.m.–Noon
Medical and Dental Applications of Bioceramics	27-Jan	1:30–5:10 p.m.

Organizers

- Roger Narayan, Univ. of North Carolina, USA
- Chikara Ohtsuki, Nagoya Univ., Japan
- Bikramjit Basu, Indian Institute of Technology, India
- Akiyoshi Osaka, Okayama Univ., Japan
- Markus Reiterer, Medtronic, USA

6. International Symposium on Ceramics for Electric Energy Generation, Storage and Distribution

Sessions	Date	Time
Thermoelectric Materials for Energy Harvesting	27-Jan	1:30–5:50 p.m.
Materials for Energy Storage and Technologies	28-Jan	8:00–11:50 a.m.

Organizers

- H.T. Lin, Oak Ridge National Lab, USA
- Terry Tritt, Clemson Univ., USA
- Franziska Scheffler, Otto-von-Guericke-Universität, Germany
- Anke Weidenkaff, EMPA, Switzerland
- Tohru Sekino, Tohoku Univ., Japan
- Kuan-Zong Fung, National Cheng Kung Univ., Taiwan
- Kunihito Koumoto, Nagoya Univ., Japan
- Lidong Chen, Shanghai Institute of Ceramics, China
- Laifei Cheng, Northwestern Polytechnical Univ., China
- Hai-Doo Kim, Korea Institute of Materials Science, Korea

EXHIBITION INFORMATION



Reserve your booth space today for the premier advanced ceramics & composites event. ICACC'11 offers an exceptional opportunity to present your company's latest products, services and technology to a sophisticated audience sharply focused on this market.

Exposition Location:

Ocean Center Conference Center/Arena, 101 North Atlantic Avenue, Daytona Beach, Florida

Exhibits Open:

Tuesday, January 25, 2011, 5:00-8:00 pm • Wednesday, January 26, 2011, 5:00-7:30 pm

Exhibitors	Booth #	Exhibitors	Booth #	Exhibitors	Booth #
AACCM	221	Gasbarre Products/PTX-Pentronix	302	New Lenox Machine Co. Inc.	306
Alfred University	305	Haiku Tech	220	Nippon Yttrium Co. Ltd.	301
AVS, Inc.	210	Harrop Industries	200	Oxy-Gon Industries, Inc.	320
Buhler Inc.	303	Laeis GmbH	321	PSC, Inc (Litzler)	225
Carbolite, Inc.	206	Linseis Inc.	313	Quantachrome	224
CASC – Imperial College London	325	McDanel Advanced Ceramic Technologies	317	R.D. Webb Co.	216
Ceramic Institute Clausthal	204	MEL Chemicals, Inc.	202	Riedhammer	321
CM Furnaces, Inc.	311	Microtrac	304	SAMA	321
Dorst America	214	MTI Corp.	322	Sonoscan Inc.	222
Dunhua Zhengxing Abrasives Co., Ltd.	205	Nabertherm	307	TEAM Sacmi	321
ESL ElectroScience	212	Netzsch Fine Particle Technology LLC	203	TevTech	207
Evans Analytical Group (Shiva Tech.)	315	Netzsch Instruments N.A. LLC	201	Wiley-Blackwell	300

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7. 5th International Symposium on Nanostructured Materials and Nanotechnology: Development and Applications

Sessions	Date	Time
Nanostructured Membranes, Thin Films, Functional Coatings	25-Jan	8:00–11:50 a.m.
Polymer Nanocomposite Technology and Nanoporous Materials	25-Jan	1:30–5:20 p.m.
Nanomaterials for Photocatalysis, Solar Hydrogen and Thermoelectrics	26-Jan	8:00–11:50 a.m.
Nanotubes, Nanorods, Nanowires and Other One-dimensional Structures	26-Jan	1:30–5:10 p.m.
Industrial Development and Application of Nanomaterials	27-Jan	8:00 a.m.–Noon
Synthesis, Functionalization and Processing of Nanostructured Materials I	27-Jan	1:30–6:10 p.m.
Synthesis, Functionalization and Processing of Nanostructured Materials II	28-Jan	8:00 a.m.–12:10 p.m.

Organizers

- Sanjay Mathur, Univ. of Cologne, Germany
- Suprakas Sinha Ray, DST/CSIR- National Centre for Nanomaterials, South Africa
- Francisco Hernandez-Ramirez, Univ. of Barcelona, Spain
- Yasuhiro Tachibana, Osaka Univ., Japan
- Gunnar Westin, Angstrom Lab, Uppsala Univ., Sweden
- Kyoung Il Moon, KITECH, Korea
- Mohammed Es-Souni, Univ. of Applied Sciences, Germany
- L.M. Manocha, Sardar Patel Univ., India

8. 5th International Symposium on Advanced Processing and Manufacturing Technologies for Structural and Multifunctional Materials and Systems (APMT) in honor of Professor Katsutoshi Komeya

Sessions	Date	Time
In Honor of Professor Komeya	24-Jan	1:30–6:00 p.m.
Novel Forming and Sintering I	25-Jan	8:00 a.m.–Noon
Novel Forming and Sintering II	25-Jan	1:40–5:20 p.m.
Design-Oriented Manufacturing I	26-Jan	8:30–11:50 a.m.
Design-Oriented Manufacturing II	26-Jan	1:30–5:00 p.m.
Design-Oriented Manufacturing III	27-Jan	8:30 a.m.–Noon

Organizers

- Tatsuki Ohji, AIST, Japan
- Mrityunjay Singh, OAI, NASA Glenn Research Center, USA
- Srinivasa Rao Boddapati, Kennametal Conforma Clad, USA
- Soshu Kiriwara, Osaka Univ., Japan
- Tomaz Kosmac, Josef Stefan Institute, Slovenia
- Hejun Li, Northwestern Polytechnical Univ., China
- Eugene Medvedovski, Umicore Indium Products, USA
- Armin Reller, Univ. of Augsburg, Germany
- Richard D. Sisson, Jr., Worcester Polytechnic Institute, USA
- Junichi Tatami, Yokohama National Univ., Japan

9. Porous Ceramics: Novel Developments and Applications

Sessions	Date	Time
Processing Methods for Porous Ceramics I	24-Jan	1:30–3:20 p.m.
Processing Methods for Porous Ceramics II	24-Jan	3:20–6:10 p.m.
Structure and Properties of Porous Ceramics I	25-Jan	8:00–10:10 a.m.
Structure and Properties of Porous Ceramics II	25-Jan	10:10 a.m.–12:20 p.m.
Structure and Properties of Porous Ceramics III	25-Jan	1:30–3:20 p.m.
Applications of Porous Ceramics	25-Jan	3:20–5:20 p.m.

Organizers

- Paolo Colombo, Univ. of Padova, Italy
- Sujanto Widjaja, Corning Incorporated, USA
- Andreas Stein, Univ. of Minnesota, USA
- Yu-Ping Zeng, Shanghai Institute of Ceramics, Chinese Academy of Sciences, China
- Aldo Boccaccini, Univ. of Erlangen-Nuremberg, Germany
- Thomas R. Watkins, Oak Ridge National Lab, USA

10. Thermal Management Materials and Technologies

Sessions	Date	Time
Nano Heat Transfer Fluids and Thermal Energy Storage	26-Jan	1:40–4:40 p.m.
Advanced Materials and Design for Thermal Management	27-Jan	8:40–11:20 a.m.

Organizers

- Andrew L. Gyekenyesi, OAI, NASA Glenn Research Center, USA
- Mrityunjay Singh, OAI, NASA Glenn Research Center, USA
- Dileep Singh, Argonne National Lab, USA
- Michiko Kusunoki, Nagoya Univ., Japan
- Rajiv Asthana, Univ. of Wisconsin-Stout, USA
- Ajit K. Roy, Air Force Research Lab, WPAFB, USA
- Walter Krenkel, Univ. of Bayreuth, Germany
- Tatsuki Ohji, AIST, Japan

HOTEL INFORMATION



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Mention The American Ceramic Society to obtain the special rate. Reservations must be secured with a deposit equal to one night's room and tax. Individual reservations are refundable if cancelled up to 48 hours prior to arrival. Room rates are effective until **December 22, 2010** and are based on availability.



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11. Advanced Sensor Technology: Developments and Applications

Sessions	Date	Time
Advanced Sensor Technology	24-Jan	1:30–5:00 p.m.

Organizers

- Linan An, Univ. of Central Florida, USA
- Michael Carpenter, Univ. of Albany, USA
- Xun Gong, Univ. of Central Florida, USA
- Andrei Kolmakov, Southern Illinois Univ. Carbondale, USA
- Alessandro Martucci, Università di Padova, Italy
- Ichiro Matsubara, AIST, Japan
- Qingming Wang, Univ. of Pittsburgh, USA
- Yiguang Wang, Northwestern Polytechnical Univ., China
- Chengying Xu, Univ. of Central Florida, USA

12. Materials for Extreme Environments: Ultrahigh Temperature Ceramics (UHTCs) and Nanolaminated Ternary Carbides and Nitrides (MAX Phases)

Sessions	Date	Time
Novel Processing I	26-Jan	8:00–9:50 a.m.
Novel Processing II	26-Jan	9:50–11:40 a.m.
New Materials	26-Jan	1:30–3:20 p.m.
Novel Characterization	26-Jan	3:20–5:00 p.m.
Oxidation Behavior	27-Jan	8:00–10:00 a.m.
Mechanical Properties	27-Jan	10:00 a.m.–Noon
Thermal Stability	27-Jan	1:30–3:30 p.m.
Joining and Novel Processing	27-Jan	3:30–6:10 p.m.
Structural Stability Under Extreme Environments	28-Jan	8:00–9:30 a.m.

Organizers

- Yanchun Zhou, Institute of Metal Research, Chinese Academy of Sciences, China
- Erica L. Corral, Univ. of Arizona, USA
- Joyce Deaver, NASA Glenn Research Center, USA
- Per Eklund, Linköping Univ., Sweden
- William G. Fahrenholtz, Missouri Univ. of Science and Technology, USA
- Miladin Radovic, Texas A&M Univ., USA
- Guo-Jun Zhang, Shanghai Institute of Ceramics, Chinese Academy of Sciences, China



Register at www.ceramics.org/daytona2011

13. Advanced Ceramics and Composites for Nuclear and Fusion Applications

Sessions	Date	Time
Fuel Ceramics Science and Technology	25-Jan	8:00–10:10 a.m.
Carbon Materials and Fuel Ceramics	25-Jan	10:10 a.m.–Noon
Joining and Integration of Ceramic Structures	25-Jan	1:30–3:30 p.m.
Crystalline, Amorphous and Composite Materials for Waste Immobilization	25-Jan	3:30–5:20 p.m.
Processing I	26-Jan	8:00–10:10 a.m.
Processing II and Mechanical Properties	26-Jan	10:10 a.m.–Noon
Composite Materials for Fusion Energy	26-Jan	1:30–3:20 p.m.
Ceramic Composites for Nuclear Applications	26-Jan	3:20–4:50 p.m.
Irradiation Effects on Advanced Ceramics and Composites I	27-Jan	8:00–10:10 a.m.
Fuel Ceramics II and Irradiation Effects II	27-Jan	10:10–11:50 a.m.

Organizers

- Yutai Katoh, Oak Ridge National Lab, USA
- Kevin Fox, Savannah River National Lab, USA
- William Windes, Idaho National Lab, USA
- S.K. Sundaram, Pacific Northwest National Lab, USA
- Kumar Sridharan, Univ. of Wisconsin, USA
- Akira Kohyama, Muroran Institute of Technology, Japan
- Kazuhiro Sawa, Japan Atomic Energy Agency, Japan
- Tatsuya Hinoki, Kyoto Univ., Japan
- Jacques Lamon, INSA de Lyon, France
- Jochen Linke, Forschungszentrum Jülich, Germany
- Ping Xiao, Univ. of Manchester, UK
- Hans Hegeman, NRG Petten, The Netherlands

14. Advanced Materials and Technologies for Rechargeable Batteries

Sessions	Date	Time
Advanced Materials for Lithium-ion Batteries	24-Jan	1:30–6:00 p.m.
Diagnostics and Materials Characterization for Lithium-ion Batteries	25-Jan	8:30 a.m.–Noon
Materials Design, Screening, and Electrode Architectures for Lithium-ion Batteries	25-Jan	1:30–5:10 p.m.
Lithium Batteries and Beyond	26-Jan	8:30 a.m.–Noon

Organizers

- Ilias Belharouak, Argonne National Lab, USA
- Mickael Badding, Corning, Inc, USA
- Marca Doeff, Lawrence Berkeley National Lab, USA
- Dominique Guyomard, Institut des Matériaux Jean Rouxel, France
- Shirley Meng, Univ. of California San Diego, USA
- Jai Prakash, Illinois Institute of Technology, USA
- Dileep Singh, Argonne National Lab, USA
- Yang-Kook Sun, Hanyang Univ., Republic of Korea



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Focused Sessions

Session 1: Geopolymers and Other Inorganic Polymers

Sessions	Date	Time
Synthesis and Processing	27-Jan	1:30-4:00 p.m.
Porosity in Geopolymers	27-Jan	4:00-5:50 p.m.
Properties and Composites	28-Jan	8:00-11:00 a.m.
Phosphate-Based Inorganic Polymers	28-Jan	11:00 a.m.-Noon

Point of Contact

- Waltraud M. Kriven

Session 2: Computational Design, Modeling, and Simulation of Ceramics & Composites

Sessions	Date	Time
Characterization of New Materials, Interfaces and Grain Boundaries at Atomic Scale	27-Jan	8:00 a.m.-Noon
Prediction/Simulation of Crystal Structure and Properties	27-Jan	1:30 - 6:00 p.m.
Novel Simulation Methods for Materials Processing and Performance	28-Jan	8:00 a.m.-Noon

Organizers

- Jingyang Wang, Institute of Metal Research, Chinese Academy of Sciences, China
- Wai-Yim Ching, Univ. of Missouri-Kansas City, USA
- Brian Good, NASA Glenn Research Center, USA
- Michael J. Hoffmann, Univ. of Karlsruhe, Germany
- Jian Luo, Clemson Univ., USA
- Katsuyuki Matsunaga, Kyoto Univ., Japan
- Hans J. Seifert, Technical Univ. of Freiberg, Germany
- Yanchun Zhou, Institute of Metal Research, Chinese Academy of Sciences, China

Pacific Rim Engineering Ceramics Summit

Sessions	Date	Time
Pacific Rim Engineering Ceramics Summit I	24-Jan	1:30-5:50 p.m.
Pacific Rim Engineering Ceramics Summit II	25-Jan	8:00 a.m.-12:20 pm.

Organizers

- Mrityunjay Singh, Trustee, Engineering Ceramics Division, The American Ceramic Society, USA
- Hai-Doo Kim, Chair, KECD, Korean Ceramic Society, Korea
- Tatsuki Ohji, Director and Engineering Ceramics Division Chair-Elect, Ceramic Society of Japan, Japan
- Yu Zhou, Vice President, Harbin Institute of Technology, Harbin, China
- Jow-Lay Huang, President, Taiwan Association for Coating and Thin Film Technology (TACT), Taiwan

Register at www.ceramics.org/daytona2011

www.ceramics.org/daytona2011

Meeting Registration Form

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ADVANCED CERAMICS AND COMPOSITES

January 23-28, 2011 ♦ Hosted at Hilton Daytona Beach Resort and Ocean Center in Daytona Beach, Florida, USA

4 ways to register

Early Registration Deadline:
December 27, 2010

MAIL

The American Ceramic Society
1-2625, PO Box 600001
Columbus, OH 43260-2625 USA

FAX

1-301-206-9789
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Registration

ICACC'11 Registration	EARLY REG. THROUGH DEC. 27	AFTER DEC. 27
Member*	<input type="checkbox"/> \$515	<input type="checkbox"/> \$640
Member with 12 month membership renewal*	<input type="checkbox"/> \$635	<input type="checkbox"/> \$760
Nonmember* (includes one year of ACerS membership)	<input type="checkbox"/> \$635	<input type="checkbox"/> \$760
Emeritus/Senior*	<input type="checkbox"/> \$395	<input type="checkbox"/> \$520
One Day: Member†	<input type="checkbox"/> \$295	<input type="checkbox"/> \$520
One Day: Nonmember (includes one year of ACerS membership)	<input type="checkbox"/> \$515	<input type="checkbox"/> \$640
Material Advantage Student Member†	<input type="checkbox"/> \$135	<input type="checkbox"/> \$210
Student: Not in Material Advantage	<input type="checkbox"/> \$175	<input type="checkbox"/> \$250
Exhibit Only	<input type="checkbox"/> \$60	<input type="checkbox"/> \$60
Companion Registration	<input type="checkbox"/> \$60	<input type="checkbox"/> \$60

Note: All registrations, except Exhibit Only, include coffee breaks, Welcome Reception, Exhibit Receptions.
*Includes Conference Proceedings on CD.
†Select free division affiliation

Additional Options

International Journal of ACT (2011 print subscription)	<input type="checkbox"/> \$90	<input type="checkbox"/> \$90
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EMA 2011 & ICACC'11 Combined Rate	EARLY REG. THROUGH DEC. 21	AFTER DEC. 21
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Student	<input type="checkbox"/> \$230	<input type="checkbox"/> \$305
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