2010 CERAMIC LEADERSHIP SUMMIT, HYATT REGENCY, BALTIMORE, MD

<table>
<tr><th colspan="6">MONDAY, JUNE 21, 2010</th></tr>
<tr><td>10:00A-12:00P</td><td colspan="5">GENERAL SESSION 1 (with 45 minute facilitated group discussion & action planning)</td></tr>
<tr><td></td><td colspan="5">Emerging Business and Technology Opportunities and Challenges for the Ceramics Community.
Global corporate leaders provide their perspectives on the economic, political, societal, technological, and environmental opportunities and challenges facing the ceramic materials and technologies community during the next five to ten years. The talks will be followed by a facilitated dialogue with Summit participants, during which they will be asked to rank the most important ideas and vote on possible action steps for the future using an audience participation system.
[JOEL MOSKOWITZ, CEO, Ceradyne, Inc., RODNEY LANTHORNE, President, Kyocera International, DAVID MORSE, Senior Vice President, Corning, Inc.]
Constellation Ballroom A&B</td></tr>
<tr><td>12:00-1:30P</td><td colspan="5">AFFINITY GROUP LUNCHES (Discussion Topic: What are the principal challenges and opportunities that will have the greatest impact on your sector during the next five years?)</td></tr>
<tr><td></td><td>Large Corp Executives
Constellation C</td><td>Sm. Business & Entrepreneurs
Constellation D</td><td>Education Leaders
Constellation E</td><td>Researchers
Chesapeake A&B</td><td>Future Leaders
Constellation F</td></tr>
<tr><td>1:30-3:00P</td><td colspan="5">GENERAL SESSION 2</td></tr>
<tr><td></td><td colspan="5">Materials for a Secure and Stable Energy Future
Over the past five years, the Department of Energy’s Office of Basic Energy Sciences has engaged thousands of scientists around the world to study the current status, limiting factors and specific fundamental scientific bottlenecks of the widespread implementation of alternate energy technologies. From these efforts, it becomes clear that the magnitude of the challenge is so immense that existing approaches will not be enough to secure our energy future. Instead, meeting the challenge will require fundamental understanding and scientific breakthroughs in new materials and chemical processes to make possible new energy technologies and performance levels far beyond what is now possible.
[JOHN HEMMINGER, Dean and Professor of Chemistry, University of California-Irvine, PATRICIA DEHMER, Deputy Director for Science Programs, Office of Science, U.S. Department of Energy]
Constellation Ballroom A&B</td></tr>
<tr><td>3:00-3:30P</td><td colspan="5">REFRESHMENT BREAK – Foyer</td></tr>
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3:30-5:00P	**GENERAL SESSION 3**		
	The Future of Ceramic Education: Changing Needs, Changing Realities A number of highly respected leaders in the field of ceramic education provide different views on how ceramic education has changed over the past decade and what needs to happen to make it more relevant for the future. **[RUSTUM ROY, Professor, Pennsylvania State University, DOREEN EDWARDS, Dean, Inamori School of Engineering, Alfred University]** Constellation Ballroom A&B		
6:45-7:30PM	**RECEPTION – Harborview**		
7:30-9:30PM	OPENING NIGHT DINNER – **Constellation Ballroom A&B**		
TUESDAY, JUNE 22, 2010			
7:45-8:30A	CONTINENTAL BREAKFAST – Atrium		
8:30-10:25A	**ENERGY INNOVATIONS**	**DEFENSE INNOVATIONS**	**CERAMIC FRONTIERS**
8:30-9:25A	**Enabling a Nuclear Renaissance: Better, Faster, Cheaper Using Advanced Ceramics [JOHN MARRA]** Constellation C	**Meeting Materials Need for 21st Century Defense [LEWIS SLOTER]** Constellation E	**Environmental Frontiers for Ceramic Materials: New Filtration Solutions [SUJANTO WIDJAJA]** Constellation F
9:30-10:25A	**Next Steps for Fuel Cells [ROBERT ROSE, CLAUS PETER KLUGE]** Constellation C	**Multi-Spectral Transparent Materials Technologies [DANIEL HARRIS]** Constellation E	**Designer Materials: Multi-scale Modeling [GEORGE GAZONAS]** Constellation F
10:30-10:45A	**REFRESHMENT BREAK – Foyer**		
10:45 -11:40A	**BUSINESS & RESEARCH ENVIRONMENT**		
10:45A-11:40A	**Building Industry-University Alliances [WAYNE HUEBNER]** Constellation C	**New Realities for Materials Research Funding [LYNNETTE MADSEN, LINDA HORTON, JOYCELYN HARRISON, ERIC WUCHINA]** Constellation E	**The Global Business Climate for Ceramic-Related Industries [EVGENIA PERARSKAYA]** Constellation F

11:45-1:00P	**HOSTED LUNCH – Buffet in Atrium**		
1:00-3:00P	**ENERGY INNOVATIONS**	**DEFENSE INNOVATIONS**	**CERAMIC FRONTIERS**
1:00-1:55P	**Ceramic Materials Development and Application for Efficient and Clean Power Generation [WILLIAM TREDWAY, ELLEN SUN UTRC]** Constellation C – Theater 100	**Opaque and Transparent Armor Ceramics [JAMES McCAULEY, PARIMAL PATEL]** Constellation E	**Integration of Ceramics in Advanced Microsystems [DUANE DIMOS, THOMAS SHAW]** Constellation F
2:00-2:55P	**Alternative and Renewable Energy** Constellation C	**High Temperature Ceramics for Military Applications [ALLAN KATZ]** Constellation E	**Ceramics for Electronics and Communications [CHRISTIAN HOFFMANN]** Constellation F
3:00-3:15P	**REFRESHMENT BREAK – Foyer**		
3:15-5:00	**CLOSING GENERAL SESSION**		
	Ten in Ten: Ceramic Technologies that Will Transform the World [LARRY HENCH, Graduate Research Professor, University of Florida, Fort Myers] Take a tour of 10 ceramic technologies that are most likely to transform the world over the next ten years. Nearly 400 ACerS members helped identify ceramic technologies that are most likely to have a significant impact in the future. The top 10 technologies will be highlighted in this session and Summit participants will discuss which ones are likely to have the greatest impact and the greatest commercial value. Constellation Ballroom A&B		
5:30-10:00	**CLOSING NIGHT EVENT FOR VOLUNTEER LEADERS RETREAT PARTICIPANTS** (CAMDEN YARDS – Orioles/Marlins) Picnic Event from 5:30 to 7:00 followed by game.		

Other ACerS Events

WEDNESDAY, JUNE 23, 2010	
8:00A-12:00P	**ACerS Volunteer Leadership Workshop –** Constellation Ballroom E
1:00-5:00P	**ACerS Board Meeting –** Chesapeake A&B