MONDAY, JUNE 21, 2010	
8:00-10:00A	**Future Leaders Orientation (Invitation Only)** Annapolis Room
	CEO & Senior Executive Forum (Invitation Only) Baltimore Room
10:00A-12:00P	**GENERAL SESSION 1** ***(with 45 minute facilitated group discussion & action planning)***
	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. **JOEL MOSKOWITZ, CEO, Ceradyne, Inc., RODNEY LANTHORNE, President, Kyocera International, DAVID MORSE, Senior Vice President, Corning, Inc.** Constellation Ballroom A&B
12:00-1:30P	LUNCH AND INFORMAL GROUP DISCUSSIONS (Join your peers for continued discussion at a reserved table for specific groups (Large Corporate Executives, Small Businesses & Entrepreneurs, Education Leaders, Researchers, and Future Leaders) or join a cross-section of people at unreserved tables. **Constellation E&F – Rounds for 150**
1:30-3:00P	**GENERAL SESSION 2**
	Materials for a Secure and Stable Energy Future During 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 is clear that the magnitude of the challenge is so immense that existing approaches will not be enough to secure our energy future. During this session, we will explore how meeting these challenged will require 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** At the close of this General Session, Professor Kevin Hemker, Johns Hopkins University, will deliver a short talk entitled "Linking Transformational Materials and Processing for an Energy Efficient and Low-Carbon Economy: Vision Report of the Energy Materials Blue Ribbon Panel." Constellation Ballroom A&B
3:00-3:30P	REFRESHMENT BREAK – Foyer
3:30-5:00P	**GENERAL SESSION 3**

	The Future of Ceramic Education: Changing Needs, Changing Realities The ceramic engineering education landscape has changed dramatically during the last 20 years and is continuing to change. During this session, two leading ceramic educators provide their perspectives on these changes, as well as what needs to happen to make ceramic education more relevant for the future. The presenters will also explore the importance of building much stronger and more sustainable relationships between these programs and industry, followed by a lively discussion with Summit participants. DOREEN EDWARDS, Dean, Inamori School of Engineering, Alfred University, WAYNE HUEBNER, Chairman, MSE, Missouri University of Science & Technology Constellation Ballroom A&B		
7:00-7:30P	RECEPTION – Harborview		
7:30-9:30P	OPENING NIGHT DINNER – Constellation Ballroom A&B		
TUESDAY, JUNE 22, 2010			
7:00-8:30A	FUTURE LEADERS BREAKFAST MEETING (Invitation Only) – Baltimore		
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	Development and Application of Ceramic Materials for Clean-Air Technologies [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 – Theater 60	**Designer Materials: Multi-scale Modeling** [GEORGE GAZONAS] Constellation F – Theater 60
10:30-10:45A	REFRESHMENT BREAK – Foyer		
10:45 -11:40A	**BUSINESS & RESEARCH ENVIRONMENT**		
10:45A-11:40A		**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, Lux Research] Constellation F

11:45-1:00P	HOSTED LUNCH – Buffet in Atrium/Overflow in Harborview Room.		
1:00-3:00P	**ENERGY INNOVATIONS**	**DEFENSE INNOVATIONS**	**CERAMIC FRONTIERS**
1:00-1:55P	Development and Application of Ceramic Materials for Efficient and Clean Power Generation [WILLIAM TREDWAY, ELLEN SUN] Constellation C	Opaque and Transparent Armor Ceramics [JAMES McCAULEY, PARIMAL PATEL] Constellation E	Integration of Ceramics in Advanced Microsystems [KEVIN EWSUK, THOMAS SHAW] Constellation F
2:00-2:55P	Materials for Advance Sodium Metal Halide Batteries [MOHAMED RAHMANE] 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		
3:15-5:00P	**CLOSING GENERAL SESSION**		
	Ten in Ten: Which Ceramic Technologies Will Transform the World? Explore the ceramic technologies that are likely to transform the world over the next ten years. Throughout the Ceramic Leadership Summit you will hear the latest thinking from noted scientists, leaders, and colleagues. During this closing session, we will connect the concepts, predictions, and provocations that you've encountered from those thought leaders with input from nearly 400 ACerS members who participated in a survey about ceramic technologies that are most likely to have a significant impact in the future. Working in cross-discipline groups, you will generate guidance on where the science, supporting technologies, and the profession must head to meet the needs of the ever evolving world. **LARRY HENCH**, Graduate Research Professor, Department of Materials Science and Engineering, University of Florida Constellation Ballroom A&B – Crescent Rounds 150		
5:30-10:00P	ACERS VOLUNTEER LEADERERSHIP RETREAT OPENING EVENT: CAMDEN YARDS – Orioles/Marlins (All Retreat Participants Invited). Meet in Hyatt Lobby at 5:15 pm to walk to event. Picnic Event from 5:30 to 7:00 followed by game.		

Other Related Events

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