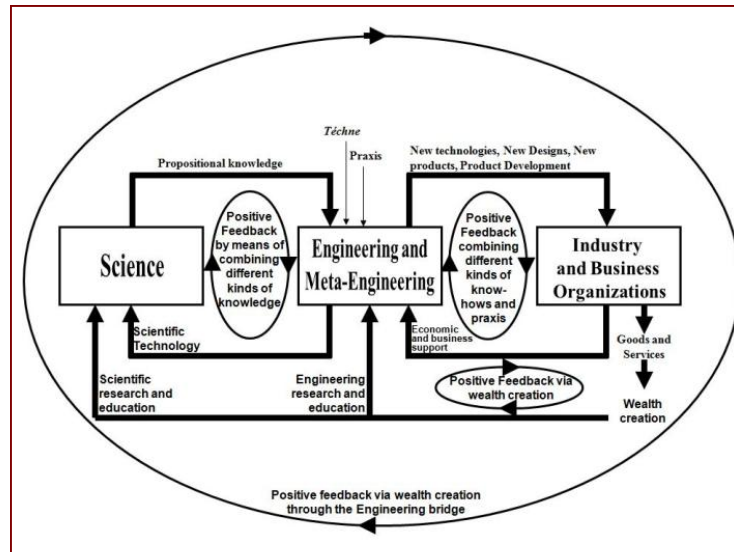


Invited Session (0000004)  
*Biscayne Bay Room*

**Energy Storage:  
Hydrogen Storage, Thermal Storage,  
Batteries and Ultracapacitors**

- Karl Gross (United States): "Advanced Measurement Techniques for Characterizing Today's Most Promising Hydrogen Storage, Carbon Capture and Sequestration Materials"
- Craig Jensen (United States): "Development of Processes for the Reversible Dehydrogenation of High Hydrogen Capacity Complex Hydrides"
- Sesha Srinivasan (United States): "Advances in Hydrogen Storage Systems"
- Canan Balaban (United States): "Florida Energy Systems Consortium - An Overview"
- Sarada Kuravi (United States): "New Multinary Complex Hydrides for Reversible Hydrogen Storage"



**April 6-9, 2010, Orlando, Florida**

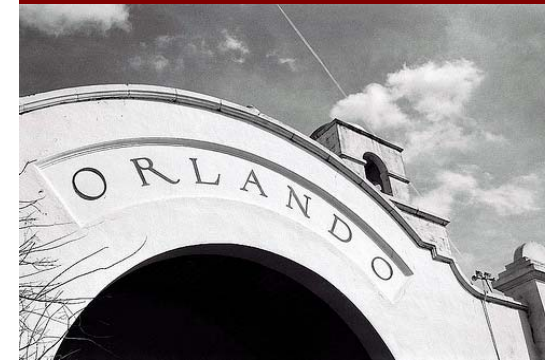
**Co-located with the:**

- 16th International Conference on Information Systems Analysis and Synthesis (ISAS 2010)
- 8th International Conference on Computing, Communications and Control Technologies (CCCT 2010)

**International Conference on  
Engineering and Meta-Engineering**

**icEME  
2010  
Orlando, Florida**

**Energy Storage:  
Hydrogen Storage, Thermal Storage,  
Batteries and Ultracapacitors**



**Thursday  
April 8  
1:00 to 3:30 p.m.  
Biscayne Bay Room**

## ENERGY STORAGE

### Hydrogen Storage, Thermal Storage, Batteries and Ultracapacitors (Biscayne Bay Room)

Organizer: Sessa Srinivasan (Tuskegee University, USA)

Co-Organizer: Elias Stefanakos (Univ. South Florida, USA)

### Invited Speakers

- **Karl Gross (United States): "Advanced Measurement Techniques for Characterizing Today's Most Promising Hydrogen Storage, Carbon Capture and Sequestration Materials"**
- **Craig Jensen (United States): "Development of Processes for the Reversible Dehydrogenation of High Hydrogen Capacity Complex Hydrides"**
- **Sessa Srinivasan (United States): "Advances in Hydrogen Storage Systems"**
- **Canan Balaban (United States): "Florida Energy Systems Consortium – An Overview"**
- **Sarada Kuravi (United States): "New Multinary Complex Hydrides for Reversible Hydrogen Storage"**

#### *Sessa Srinivasan, Organizer*

Dr. Sessa S. Srinivasan, is an Assist. Professor at the Department of Physics, Tuskegee University. He has more than 15 years of research experience in the areas of hydrogen production and storage, photocatalysis and nanotechnology. He has successfully developed many novel materials for hydrogen storage and photocatalytic applications.



#### *Elias Stefanakos, Co-Organizer*

Dr. Elias Stefanakos is Professor of Electrical Engineering and Director of the Clean Energy Research Center at the Univ. South Florida. He has published more than 120 research papers in refereed journals and international conferences in the areas of electronic materials, renewable energy sources and systems, hydrogen and fuel cells, and electric and hybrid vehicles.



#### *Karl Gross*

Line 2

Line 3

Line 4

Line 5

Line 6

Line 7

Line 8

#### *Craig Jensen*

Dr. Craig Jensen is Professor of Chemistry of the Univ. Hawaii. He is an inorganic chemist with broad experience in catalyst development and the synthesis and characterization of novel inor-

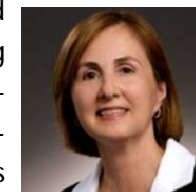


PICTURE TO COME?

ganic and organometallic materials. Dr. Jensen was named the U.S. Department of Energy Hydrogen program's "1999 Research Success Story" and presented with their "R&D" award in 2004. He served as a co-chairman of the 2006 International Symposium on Metal-Hydrogen Systems and the 2007 Hydrogen-Metal Systems Gordon Research Conference.

#### *Canan Balaban*

Ms. Balaban is the Assoc. Director of the Florida Energy Systems Consortium. FESC shares energy related expertise and to promote collaboration among the energy experts at Florida's 11 public universities. She coordinates program development and outreach activities. She has 25 years of industrial experience in rechargeable batteries, bio-mass, and coal desulfurization/gasification.



#### *Sarada Kuravi*

Dr. Sarada Kuravi is a Post Doctoral Research Associate at the Univ. South Florida's Clean Energy Research Center. Dr. Kuravi continues her research on passive liquid-vapor phase separation and energy storage in phase change materials change materials as thermal energy storage media.



### Our Sponsoring Institutions

