

Reset: A Forum And Celebration Of Energy Transitions – DRAFT AGENDA

8:30 am Registration, Coffee and Networking, Poster Competition Viewing and Judging

9:00 am Welcoming Remarks (President Bud Peterson and Dr. Husbands Fealing, invited)

Professor Elsa Reichmanis, *Chemistry and Biochemistry*

Professor Marilyn Brown, *School of Public Policy*

Opening Plenary: "Current Status of the Energy Transition" by Professor Scott Valentine, *National University of Singapore*

(Introduction by NSF Fellow Jonah Bea Taylor, *History, Technology and Society*)

Plenary Address: "Envisioning Future Energy Technologies" by Dr. Aaron Melda, *Tennessee Valley Authority*

(Introduction by NSF Fellow Hye Kyung Kim, *Chemistry and Biochemistry*)

10:00 am Break

10:15 am Solar PV Systems

Setting the stage by Georgia Tech NSF IGERT Faculty:

--Professor Dan Matisoff, *School of Public Policy*

--Professor Martha Grover, *Chemical and Biomolecular Engineering*

Research results presented by Georgia Tech NSF Fellows:

Materials and Systems:

--Michael McBride, *Chemical and Biomolecular Engineering*

--Rebecca Hill, *Chemistry and Biochemistry*

--Matt Smith, *Materials Science and Engineering*

Policy and Economics:

--Ross Beppler, *School of Public Policy*

--Eric Tervo, *Mechanical Engineering*

11:30 pm Discussion of Morning Talks

Noon Lunch with Table Topics and Leaders

Plenary Address: "Fast-tracking the Energy Transition" by Dr. Benjamin Sovacool, *University of Sussex*

(Introduction by NSF Fellow Matt Cox, *The Greenlink Group*)

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1:00 pm Energy Storage for PV and EV Systems
Setting the stage by Georgia Tech NSF IGERT Faculty:
--Gleb Yushin, *Materials Science and Engineering*
--Steve Usselman, *History, Technology and Society*
Research results presented by Georgia Tech NSF Fellows:
Materials and Systems
--Naoki Nitta, *Materials Science and Engineering*
Policy and Economics
--Caroline Golin, *Vote Solar*
--Wale Odukamaiya, *Mechanical Engineering*

1:45 pm Solid State Lighting
Setting the stage by Georgia Tech NSF IGERT Faculty:
--Samuel Graham, *Mechanical Engineering*
--Bernard Kippelin, *Electrical and Computer Engineering*
Research results presented by Georgia Tech NSF Fellows:
Materials and Systems
--Ryan Murphy, *Materials Science and Engineering,*
Policy and Economics
--Mallory Flowers, *School of Public Policy*

2:30 am Break—Poster ratings due at 3 pm

3:00 pm Plenary Address: “The Third Industrial Revolution” by Dr. Skip Laitner, *ACEEE*
(Introduction by NSF Fellow Chris Blackburn, *Economics*)
Plenary Address: “Job Creation and the Workforce of the Future in the Advanced Energy Economy” by Professor Marilyn Brown, *School of Public Policy*
(Introduction by NSF Fellow Ann Mallow, *Mechanical Engineering*)

3:45 pm Discussion of Afternoon Talks
Closing Remarks and Announcement of Poster Winners
Elsa Reichmanis, *Chemistry and Biochemistry*

4:30 pm Reception
