iSEE Congress 2016
Energy 2030: Paths to a Sustainable Future
Organized by Institute for Sustainability, Energy and Environment (iSEE)
Sept. 12-14, 2016
Alice Campbell Alumni Center, University of Illinois at Urbana-Champaign

Monday, Sept. 12
5-6:15 p.m. — Keynote Address

• Steve Koonin, New York University, http://cusp.nyu.edu/people/steve-koonin/

6:15-7:15 p.m. — Reception
7:30-9 p.m. — Dinner for speakers

Tuesday, Sept. 13
8-8:30 a.m. — Registration
8:30-8:45 a.m. — Opening Remarks

• Peter Schiffer, Vice Chancellor for Research, University of Illinois at Urbana-Champaign

8:45 a.m.-10:15 a.m. — Session I: “Low-Carbon Energy: The Science, the Reality and the Future”

• Sharon Hammes-Schiffer, University of Illinois at Urbana-Champaign: http://hammes-schiffer-group.org/
• Kenneth Christensen, University of Notre Dame: http://engineering.nd.edu/profiles/kchristensen
• Kenneth Gillingham, Yale University: http://environment.yale.edu/gillingham/

10:15-10:30 a.m. — Coffee Break
10:30 a.m.-noon — Session II: “Advanced Biofuels: A Myth or Impending Reality?”

• Andre Faaij, University of Groningen: http://www.rug.nl/staff/a.p.c.faaij/
• Evan DeLucia, University of Illinois at Urbana-Champaign: http://www.life.illinois.edu/delucia/delucia.htm
• David Zilberman, University of California Berkeley: http://veresearch.berkeley.edu/faculty/david-zilberman

Noon-1:30 p.m. — Lunch and Keynote Address

• Jonathan Mingle, Author and Environmental Writer: http://greenburger.com/client/jonathan-mingle/

1:30-3 p.m. — Session III: “Reducing the Carbon Footprint of Energy Services: Strategies and Potential”

• Daniel Kammen, University of California Berkeley: http://kammen.berkeley.edu/
• Mike Toman, World Bank: http://www.worldbank.org/en/about/people/michael-toman
• Erica Myers, University of Illinois at Urbana-Champaign: http://ace.illinois.edu/directory/ecmyers
3-3:30 p.m. — Coffee Break
3:30-5 p.m. — Session IV: “Integrating Renewables with the Grid”

- David Nicol, University of Illinois at Urbana-Champaign: http://web.engr.illinois.edu/~dmnicol/nicol-cv.pdf
- Thomas Overbye, University of Illinois at Urbana-Champaign: https://www.ece.illinois.edu/directory/profile/overbye
- Miroslav Begovic, Texas A&M University: http://smartgridcenter.tamu.edu/sgc/web/?page_id=1096

5-6 p.m. — Reception
6-7:30 p.m. — Keynote Address

- Daniel Sperling, University of California Davis: http://desp.ucdavis.edu/people/daniel-sperling

7:30-9 p.m. — Dinner

Wednesday, Sept. 14

8 a.m. — Registration
8:15-10 a.m. — Session V: “Nuclear Power: A Panacea for Future Energy Needs?”

- Rizwan Uddin, University of Illinois at Urbana-Champaign: http://npre.illinois.edu/directory/faculty/rizwan
- Martin Freer, University of Birmingham: http://www.birmingham.ac.uk/staff/profiles/physics/freer-martin.aspx
- James Stubbins, University of Illinois at Urbana-Champaign: http://npre.illinois.edu/directory/faculty/jstubbins

10-10:15 a.m. — Coffee Break
10:15 a.m.-noon — Session VI: “Frontiers of Energy Innovation”

- Kathy Ayers, Proton Onsite: http://protononsite.com/
- Coleman Jones, General Motors: http://www.sae.org/congress/2012/fevpif/jones Coleman.htm
- Haroon Kheshgi, Exxon Mobil: http://www.aiche.org/community/bio/dr-haroon-s-kheshgi
- Krish Krishnamurthy, Linde North America: https://www.usea.org/profile/dr-krish-r-krishnamurthy

Noon-1 p.m. — Lunch
1-2:30 p.m. — Session VII: “Energy Policies for a Sustainable Future”

- Gilbert Metcalf, Tufts University: http://ase.tufts.edu/economics/people/peopleMetcalf.htm
- Madhu Khanna, University of Illinois at Urbana-Champaign: http://ace.illinois.edu/directory/khanna1
- George Gross, University of Illinois at Urbana-Champaign: http://gross.ece.illinois.edu/bio/
- Marilyn Ann Brown, Georgia Tech University: http://www.iac.gatech.edu/people/faculty/brown

2:30-3 p.m. — Rapporteur Summary
3 p.m. — Closing Remarks

- Evan DeLucia, Director of iSEE, University of Illinois at Urbana-Champaign