



The Integrated Systems Center has organized a day of presentations and discussion about energy efficient solutions in today's world. The speakers are leading scientists and researchers in their respective fields. This event is sponsored by nano-tera.ch

Smart Energy Day is organized in the form of a workshop followed by a panel discussion where the audience will have ample time to ask questions. The workshop is of interest to professors, research and teaching staff and graduate students in electrical, mechanical and environmental engineering, material science, microtechnologies, as well as computer science and communication systems.

The workshop will take place in the EPFL Polydôme. The day's program is given below. Please go to <http://si.epfl.ch> for more information.

Program:

- 10:00 – 10:40** **Energy Efficient Enterprise Computing and Green Data Centers**
Massoud Pedram, University of Southern California, Los Angeles, CA, USA
- 10:40 – 11:20** **Energy and Transportation: A time when all options are explored**
Jan-Ander Månson, Swiss Federal Institute of Technology, Lausanne, Switzerland
- 11:20 – 12:00** **Integration of renewable energy sources in the power electric network of the future**
Carlo Alberto Nucci, University of Bologna, Bologna, Italy
- 12:00 – 14:00** **Lunch Break**
- 14:00 – 14:30** **How to bring legacy data center infrastructure to cope with today's power, cooling and space requirements?**
Marcel Ledergerber, Credit Suisse, Switzerland
- 14:30 – 15:00** **Green Considerations for System-Level Computing Architecture Design**
David Atienza, Swiss Federal Institute of Technology, Lausanne, Switzerland
- 15:00 – 15:30** **Responsive, Energy-Proportional Networks**
Dejan Kostic, Swiss Federal Institute of Technology, Lausanne, Switzerland
- 15:30 – 16:00** **Building a Smarter Energy Future**
Bruno Michel, IBM Research Laboratory, Zurich, Switzerland
- 16:00 – 17:00** **PANEL DISCUSSION**
- 17:00 – 18:00** **Apero**