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Energy **C**hallenges & **M**echanics
- working on small scales

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Speaker of Session 17

ENERGY HARVESTING



Dr. Peter Spies studied Electrical Engineering at the University of Erlangen / Germany and graduated with a Dipl.-Ing. degree in 1997. In 2010, he finished his PhD thesis on the topic of power saving in mobile communication devices.

Since 1998, he is with the Fraunhofer IIS, power efficient systems department. He was working on the field of multi-standard front-ends and system simulations for communication applications. Since 2001 he is group manager of the “integrated energy supplies” group where he is doing research and design on the field of power and battery management, energy transmission and energy harvesting. Focus of his group is integrated circuit and system design as well as software development. Most important applications are wireless sensor networks or hybrid and electrical vehicles.

