



4th International Symposium on
Energy **C**hallenges & **M**echanics
- working on small scales

11-13 August 2015
Aberdeen, Scotland, UK

Speaker of Session 8: Fuel Cells

&

Speaker of Session 17: Energy Harvesting



Robert Hahn is currently head of the micro energy systems group at Fraunhofer IZM in Berlin. He received the M.S. and the PhD degree in electrical engineering in 1986 and 1990 respectively from the Technische Universität Dresden.

He has taken over the coordination of several national and European research projects for the development of new batteries, micro-fuel cells and integrated power supplies for micro systems and energy autarkic electronics. Dr. Hahn has filed 30 patents in the area of micro energy systems and authored and co-authored more than 100 journal and conference publications as well as book chapters. His research focusses on the development of wafer integrated micro batteries, 3D silicon processing,

micro fuel cells and hydrogen sources. He received the f-cell award for the Fraunhofer micro fuel cell development in 2005. He is coordinator of the FP7 project MATFLEXEND that develops integrated micro batteries and capacitive harvesters and the Fraunhofer MicroLiB project. As a teacher, he gives lectures in micro energy harvesting and storage at the Technische Universität Berlin.

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