



5th International Symposium on

Energy **C**hallenges & **M**echanics

- working on small scales

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Opening Plenary Speaker of the

5th INTERNATIONAL SYMPOSIUM ON ENERGY CHALLENGES AND MECHANICS



Prof. Theo Rasing (1953) is full professor of physics at Radboud University, Nijmegen. He obtained his degree in physics (cum laude) from the Radboud University Nijmegen in 1976, where he also gained his doctorate in 1982. After postdoctoral stays at UC Berkeley (IBM fellowship) he became staff scientist and deputy program leader at the Lawrence Berkeley Laboratory, where he developed nonlinear optical techniques for surface and interface studies. His research is mostly focused on the study and manipulation of magnetic materials with light and the use of molecular self-organization to achieve novel materials with interesting photonic properties. . He has published over 430 papers that have been cited over 9000 times (h index 46, Web of Science).

International visibility, activities, prizes, etc

Theo Rasing is an elected member of the Royal Dutch Academy of Arts and Sciences (KNAW), elected member of the Academia Europaea, honorary member of the Ioffe Institute in St. Petersburg, Knight of the Order of the Dutch Lion and recipient of many scientific prizes and awards, including an ERC Advanced Grant 2013, the Spinoza Award 2008, the Prize for Science and Society 2008 and Distinguished Lecturer 2009, IEEE Magnetics Society.

