

DIESE WOCH

PHYSIKALISCHES KOLLOQUIUM

des Fachbereichs Physik
der Johann Wolfgang Goethe-Universität Frankfurt

Mittwoch, den 14.12.2011, 17 Uhr c.t.
Großer Hörsaal, Raum _0.111,
Max-von-Laue-Str. 1

Prof. Dr. Martin Greiner
ASE, Aarhus University,
Denmark

*“Fully renewable energy systems -- a challenge
for the physics of complex systems”*

The design of a 100% renewable power system for future Europe depends on the weather. The weather determines how much wind and solar power generation is best for Europe, how much and what kinds of storage, balancing and power transmission are needed, and how much fossil and nuclear power generation is still required during the transitional phase. Simple spatiotemporal modelling, solid time-series analysis and the physics of complex networks provide quantitative answers to these important questions.

Die Dozenten der Physik

Kolloquium

<http://www.uni-frankfurt.de/fb/fb13/Termine/index.html>