



WELCOME TO 2ND INTERNATIONAL SEMINAR ON RENEWABLE ENERGY

2ND INTERNATIONAL SEMINAR ON RENEWABLE ENERGY @ UNIVERSITY OF AGDER, CAMPUS GRIMSTAD, TUESDAY 31ST MAY 2011, 09:00-16:00

IN CONJUNCTION WITH THE VISIT FROM UNIVERSITY OF MINNESOTA, USA ON "SCANDINAVIA ENERGY COURSE"

- 09:00-09:05** Welcome, Chair Dr. Anne Gerd Imenes, Teknova
09:05-09:15 Welcome and introduction by the Dean, Prof. Frank Reichert, Faculty of Engineering and Science, University of Agder

PART I: SOLAR ELECTRICITY

- 09:15-09:45** Insights on solar energy, Dr. Thomas Meyer, Teknova
09:45-10:15 End use of photovoltaic technology in Norway, Prof. Ole-Morten Midtgård, University of Agder
10:15-10:30 Coffee break
10:30-11:00 Power electronics for photovoltaic applications, Vice President Ingvar Apeland, Eltek Valere
11:00-11:30 Elkem Solar Silicon, Dr. Jan Ove Odde, Elkem Solar
11:30-12:30 Lunch

PART II: HYDRO POWER AND INNOVATION

- 12:30-13:00** On innovation, Director James Berg, NIVA
13:00-13:45 Hydro power development, project leader Magne Skog, Division for hydro power, Agder Energi Produksjon
13:45-14:15 Hydro power from a control engineering perspective, Prof. Bernt Lie, Telemark University College
14:15-14:30 Coffee break

PART III: RENEWABLE ENERGY AND GRID INTEGRATION

- 14:30-15:00** Going to high shares of renewable energy in supply grids: what is necessary to ease the integration? Prof. Hans Georg Beyer, University of Agder
15:00-15:30 Wind energy and NOWITECH, Grid and standalone PV applications, Wave and tidal energy conversion, Prof. Tore Undeland, NTNU
15:30-16:00 Challenges for the electricity grids in Norway and Europe, Prof. Terje Gjengedal, Statnett
16:00-16:05 Concluding remarks, Chair Dr. Anne Gerd Imenes, Teknova
16:10: Dinner at Campus Grimstad

Due to our 30 guests from the USA, the seminar will be held in English.
The seminar is open for anyone interested in renewable energy technology.
Many of the talks will be held at a relatively advanced technical level.

The seminar is free, but due to space limitations, coffee breaks, lunch and dinner, please register with:

Åse Linn Berntsen ase.l.berntsen@uia.no, phone: 37 23 32 21

Please indicate whether you will join the dinner.

WELCOME

