

# ATS-YG Cruise Seminar 9.11.12.

## Timetable

9.00 Breakfast  
10.00 Presentations 3x 25 min  
11.50 Coffee  
12.00 Presentations 2 x 25 min  
13.00 Panel discussion  
14.00 Lunch  
15.00 Workshops  
16.00 Presentations from workshop groups  
17.30 Networking  
21.00 Dinner

The ship will be back in Turku at 7.35 on Saturday morning. The bus back to Helsinki leaves at 8.15 from the Viking Line terminal, don't be late!

## Additional Information

### Presentations

- Mathias Groth, PhD, Aalto-University/Joint European Tokamak, Fusion
- Filip Tuomisto, prof., Aalto-University, Fission
- Sami Tulonen, VTM, Aula Europe, Nuclear power in Europe
- Eero Vartiainen, PhD, Solar Technologies, Fortum Oyj, Renewable Energy
- Thomas Grigoleit, Director for Renewable Energy & Resources, Germany Trade and Invest, German "Energiewende" – How Germany will manage the nuclear phase-out

### Panel

The audience will have the opportunity to present questions for the panel, which constitutes of the speakers in the seminar. There is no formal structure for this session and the panel is also welcome to further elaborate or continue on issues raised by the audience.

### Workshops

1. Bioenergy (Juha Luukka)
2. Fossil fuels in the context of CCS (Tero Jännes)
3. Geothermal (Lauri Muranen)
4. Nuclear Fission (Lauri Rintala)
5. Hydro power (incl. wave, tidal, conventional) (Essi Ahonen)
6. Nuclear Fusion (longer time span) (Tuomas Korpilo)
7. Solar Power (Antti Paajanen)
8. Wind Energy (Tapani Raunio)

The idea of workshops is to familiarize seminar audience with different energy sources and technologies in smaller groups. The workshop will build on the morning session and on supporting material provided separately.

- Each group will do a SWOT analysis on their designated energy source or technology.
- In addition the groups are expected to make estimations about the impact of the technology on the power sector in global (and Finnish) scale in the long term.
- Each group will make a short (5 min) presentation about their technology to the seminar audience.