

## District Heating Research Workshop

11<sup>th</sup> December 2014

Tallinn University of Technology, Ehitajate tee 5, Tallinn,  
room nr. I-202

- 8.30 – 9.00** Welcome coffee
- 9.00 – 9.15** Welcome speech  
**Andres Veske**, Estonian Power and Heat Association, Chairman  
**Prof. Aadu Paist**, Tallinn University of Technology, Faculty of Mechanical Engineering:  
Department of Thermal Engineering, Head of the Chair of Thermal Power Engineering
- 9.15 – 10.00** District Heating in Germany – status and strategy  
**Dipl.-Ing. Mgr. Maria Grajcar, MA**; Research & Technology, International  
AGFW, the German Energy Efficiency Association for DH, Cooling and CHP
- 10.00 – 10.45** Solar District Heating – activities and opportunities in Europe and Germany  
**B. Eng. Ole Eichhorst**, Research & Development Department  
AGFW, the German Energy Efficiency Association for DH, Cooling and CHP
- 10.45 – 11.00** Breack
- 11.00 – 11.45** Current debate on District Cooling in Germany  
**Dipl.-Ing. Mgr. Maria Grajcar, MA**; Research & Technology, International  
AGFW, the German Energy Efficiency Association for DH, Cooling and CHP
- 11.45 – 12.30** Current research issues on the optimization of district heating distribution technology  
**Dr. Ingo Weidlich**; scientific director  
Fernwärme-Forschungsinstitut Hannover E.V.
- 12.30 – 12.50** Hoonete paralleeltarbimise mõju kaugküttesüsteemide tööle ja CO2 heitele  
(the presentation is in Estonian)  
**Siim Link**, Tallinn University of Technology, Faculty of Mechanical Engineering:  
Department of Thermal Engineering: Chair of Thermal Power Engineering
- 12.50 – 13.50** Lunch
- 13.50 – 14.15** Kaasaegsed suundumused kaugküttevõrkude arendamisel (the presentation is in  
Estonian)  
**Prof. Andres Siirde**, Tallinn University of Technology, Faculty of Mechanical Engineering.  
Department of Thermal Engineering, Chair of thermal Power Equipment
- 14.15 – 15.00** Results from IEA Research Activities: improved maintenance strategies for DH Pipe  
Lines, Economic and Design optimization in integrating renewable Energy and waste  
heat with DH Energy System, towards 4th generation DH: Experiences with and  
potential of low Temperature DH, Development of a universal calculation tool for PEF  
**B. Eng. Ole Eichhorst**, Research & Development Department  
AGFW, the German Energy Efficiency Association for DH, Cooling and CHP
- 15.00 – 15.30** *Topic to be confirmed (the presentation is in Estonian)*  
**Andres Veske**, Estonian Power and Heat Association, Chairman
- 15.30 – 16.00** Discussion