



6th International Symposium on
Energy **C**hallenges & **M**echanics
- towards a big picture

14-18 August 2016
Inverness, Scotland, UK

Speaker of Session 01

ENERGY EFFICIENCY



Peder Bengtsson is a PhD student at Karlstad University in Sweden. His research work incorporates knowledge how to decrease the electricity consumption of household products by adding a heat pump system.

He obtained a Master of Science in Engineering Design at KTH in 1998. Afterwards he was working with stresses analysis both in the aircraft industry and the household industry. The last decade he has been focused on developing high performance household products as tumble dryers, washing machines and dishwashers with the main challenge to decrease the electrical consumption. In the research, he has also studied how the household appliances affect the indoor climate in buildings.

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