

# Press Release

**Freiburg**  
**July 3, 2012**  
**No. 13/12**  
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## **Applied Research Calls on Branch Expert**

### **Holger König coordinates new Competence Center for Heat Transformation at Fraunhofer ISE**

The area of energy-efficient buildings is one of the main R&D focuses at the Fraunhofer Institute for Solar Energy Systems ISE. Since March 2012, Holger König is working at Fraunhofer ISE in the area of heat pumps and refrigeration technology. His main task is to support the conception and establishment of the Competence Center for Heat Transformation at Fraunhofer ISE.

Holger König brings many years of experience from industry R&D in refrigeration as well as diverse management skills. After graduating from the Institut für Kältetechnik in Hanover, he worked on the use of chlorinated refrigerants at Solvay GmbH on the international level. At various companies he worked on pioneering developments such as the Quantum production series at COFELY Refrigeration, the further development of hybrid chillers at Jäggi as well as of microchannel technology for stationary refrigeration engineering.

Holger König is head of the working group "Energy Efficiency in Refrigeration" of the VDMA (German Engineering Federation) in which many renowned Germany refrigeration and heat pump companies participate. Under his leadership, the federation developed the first guidelines in this form for energy efficiency in refrigeration. In addition, Holger König is actively involved in the United Nations Environment Programme (UNEP). In the Technical Options Committee for Refrigeration, he is in charge of energy efficiency topics related to refrigerants. As Scientific Committee Speaker of the Forschungsrate Kältetechnik e.V. (Research Council for Refrigeration Engineering), he was

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responsible for assessing research projects and working on policy statements.

The Fraunhofer ISE is planning to expand their activities in the area of heat pump technology and refrigeration engineering, as well as in electrically and thermally driven processes. In heating and cooling technology, energy efficiency is playing an ever more important role, and the use of renewable energy to drive such systems is readily increasing. For this reason, Fraunhofer ISE is planning a "Competence Center for Heat Transformation" in which components as well as systems are to be developed, tested and optimized. "We are very pleased to have gained Holger König, a notable expert in the field, to assist us in expanding our activities in this area," says Dr. Hans-Martin Henning, Division Director of Thermal Systems and Buildings.

## **Informational Material:**

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**The text of the PR and photos** can be downloaded from our web page: [www.ise.fraunhofer.de](http://www.ise.fraunhofer.de)

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Holger König supports Fraunhofer ISE in setting up a Competence Center for Heat Transformation, ©Holger König