



Jeudi 5 mars 2009, 12.15 H. – Salle GC A3 30

SINGAPORE'S FIRST ZERO-ENERGY-BUILDING

**Prof. Stephen K. WITTKOPF,
Director Solar and Energy Efficient Buildings,
Solar Energy Research Institute of Singapore (SERIS),
National University of Singapore**

RÉSUMÉ

Singapore has acceded to the Kyoto Protocol in 2007 and since then started a massive program to develop the local Clean Energy sector. Generous research funding is now available and international leading industry that have set foot in Singapore are collaborating with Government and Universities to make Singapore a Solar Capitol of Southeast Asia.

Stephen Wittkopf, Associate Professor at the National University of Singapore (NUS), will present insights of this bold move and introduce blueprints of Singapore first Zero-Energy Building, a national flagship project for Solar Energy scheduled to be completed this summer. Innovative daylight systems and the 200 kWp building integrated photovoltaic system will be the focus of his presentation.

Stephen has recently been appointed Director of the cluster Solar and Energy Efficient Buildings of the newly established Solar Energy Research Institute Singapore, which is led by Prof Joachim Luther, former Director of the renowned Fraunhofer Institute for Solar Energy Systems ISE in Freiburg, Germany. Since 2001 Stephen has been teaching at the NUS Department of Architecture and will also present works of his students from his Solar Architecture studios.