

Exploring Asian Markets through Research Exchange

Prof. Dr. Nico de Rooij

Director, Institute of Microengineering, EPF Lausanne and Vice-President, Microsystems Technology, CSEM SA:

“I have been invited to come to Singapore by A*STAR, the Singaporean Agency for Science, Technology and Research. During my visits I was hosted by SIMTech, Singapore Institute of Manufacturing Technology and involved in research programs dealing with Microsystems Technology, in particular with microfluidics. The contacts with Singapore has led to exchange of researchers between SIMTech and our institutions in Switzerland. With the help and support of swissnex Singapore several Singapore-Swiss workshops have been organized in Singapore with the participation of roughly 20 researchers from Switzerland.

These various initiatives have led to the signing of an MoU between SIMTech and CSEM SA. The strong support of swissnex Singapore has contributed to the establishment of cooperation between Swiss and Singaporean Research Institutes.”

Prof. Dr. Nico de Rooij

Nico de Rooij is Professor and Director of EPFL's Institute of Microengineering as well as Head of the Sensors, Actuators and Microsystems Laboratory (SAMPLAB). He is also Vice-President of the CSEM SA, where he is Head of the Microsystems Technology Division. His research activities include the design, micro fabrication and application of miniaturized silicon based sensors, actuators, and microsystems. He authored and coauthored over 300 published journal papers in these areas.

He was awarded a Visiting Investigatorship Program (VIP) in MEMS/NEMS Systems by the A*STAR Science and Engineering Council (SERC), Singapore, hosted by SIMTech, for the period 2005-2008.