

EPFL STI IMT-NE PV-LAB

Seminar

Wednesday 25th April 2012
Grand Auditoire MTGA 11.00 - ~12.00

Rue A.-L. Breguet 2, CH-2000 Neuchâtel

Research on Light Trapping for Thin-Film Silicon Solar Cells at SERIS
--

Dr. Ian Marius Peters
(SERIS Singapore, ISE Fraunhofer)

ABSTRACT

Light trapping is essential for thin film solar cells. At SERIS we investigate theoretically coherent and incoherent scattering for this purpose. In this talk, the used methods will be introduced and first results will be presenting, especially concerning the question whether periodic or random structures are more advantageous. Furthermore, latest results on the aluminum induced texturing (AIT) process of glass will be shown.