

Adjunct Researchers



A number of NUS professors (“faculty”) have official links with SERIS, as researchers and/or research managers. These “Adjunct researchers” supervise PhD and Master students at SERIS and perform joint R&D projects with one or more of the R&D clusters at SERIS. The research projects involving Adjunct researchers are partly or fully funded by SERIS. Adjunct researchers remain academic staff members of their respective NUS Departments and NUS continues to pay 100% of their salaries.

The following Adjunct researchers from NUS have been working with SERIS:

| Name | NUS Department | Research area / role at SERIS |
|---------------------------------|---------------------------------------|---|
| Prof Armin ABERLE | Electrical and Computer Engineering | Photovoltaic materials, devices and modules / CEO and Cluster Director |
| Assoc Prof Karl Erik BIRGERSSON | Mechanical Engineering | Modelling, optimisation and characterisation of solar cells; Modelling of PV modules / Team Leader, Thin-Film Devices Modelling |
| Assoc Prof Aaron DANNER | Electrical and Computer Engineering | Application of ultra-thin films to high-efficiency silicon wafer solar cells |
| Asst Prof HOU Yi | Chemical and Biomolecular Engineering | Perovskite-based multijunction solar cells |
| Assoc Prof Ashwin KHAMBADKONE | Electrical and Computer Engineering | Analysis and solutions for PV grid integration through energy system modelling and advanced power electronics & control for smart grids |
| Assoc Prof Sanjib Kumar PANDA | Electrical and Computer Engineering | High-performance control of power electronic converters |
| Prof Seeram RAMAKRISHNA | Mechanical Engineering | PV modules |
| Prof Dipti SRINIVASAN | Electrical and Computer Engineering | Analysis of impacts of solar PV integration into the medium- and low- voltage power distribution systems |
| Assoc Prof Stephen TAY En Rong | Built Environment | Glare studies, co-location of PV with greenery and PV and urban heat island (UHI) effect |
| Prof WONG Nyuk Hien | Built Environment | Solar and Energy Efficient Buildings, interaction of buildings and environment |