

Digitalization Opens the Door for Internationalization.

A “real life” example.

Philipp Bucher – Program Coordinator

Solar Energy Engineering – Continuing Education

In scientific cooperation with:



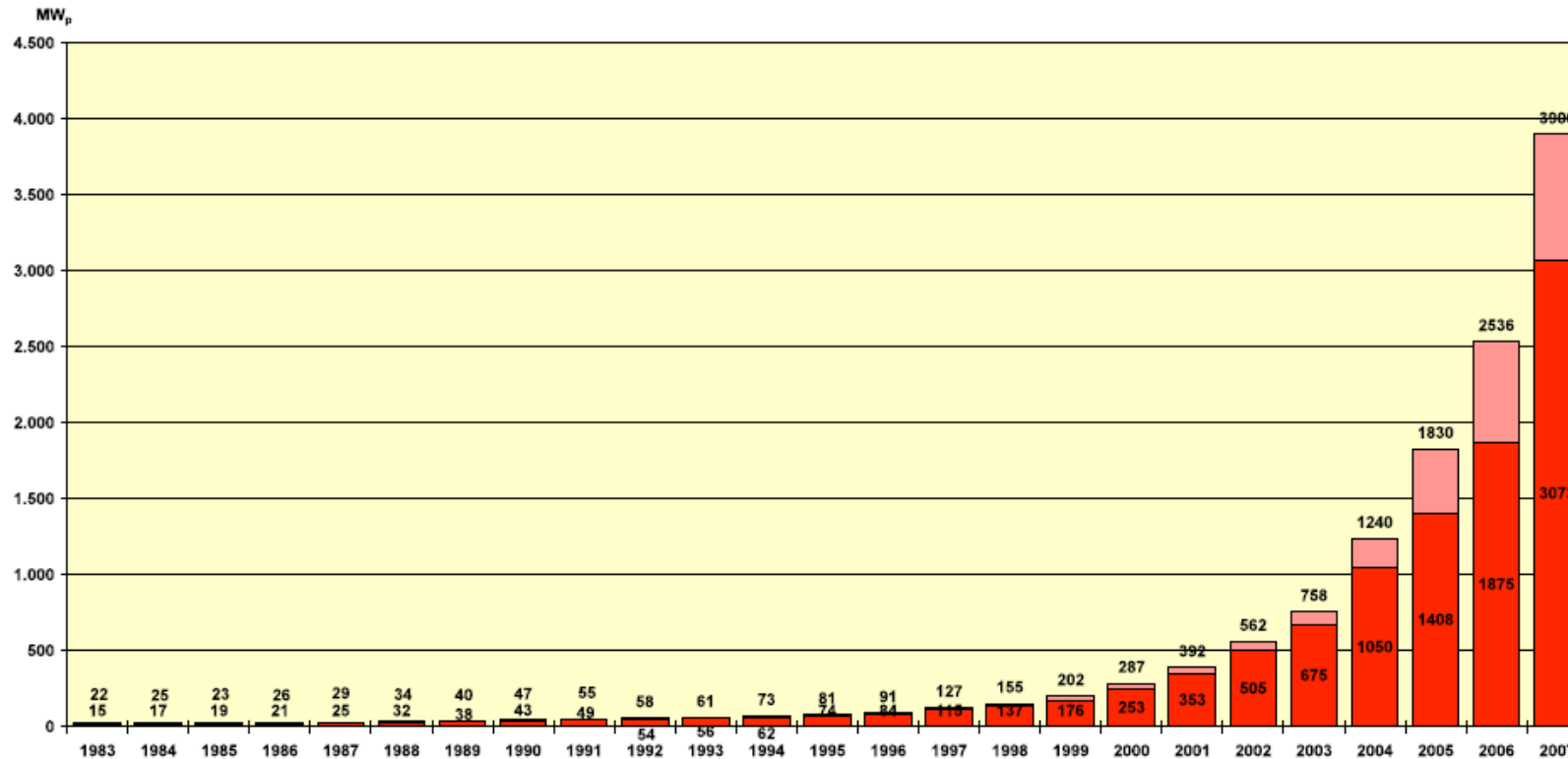
Master Online Photovoltaics – 1st Proposal 2008

In scientific cooperation with:



Master
Online

Photovoltaics



© 2008 Dr. A. Räuber.

Abb.1 Entwicklung des PV- Marktes zwischen 1983 und 2007 (höchste und niedrigste Schätzung),
Quelle A. Räuber, PSE

- **First Funding:
696.000 €**

GEFÖRDERT VOM

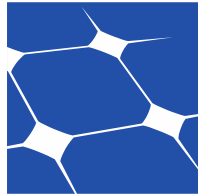


Bundesministerium
für Bildung
und Forschung



Structure of the Program (WS 2010)

Master
Online



Photovoltaics

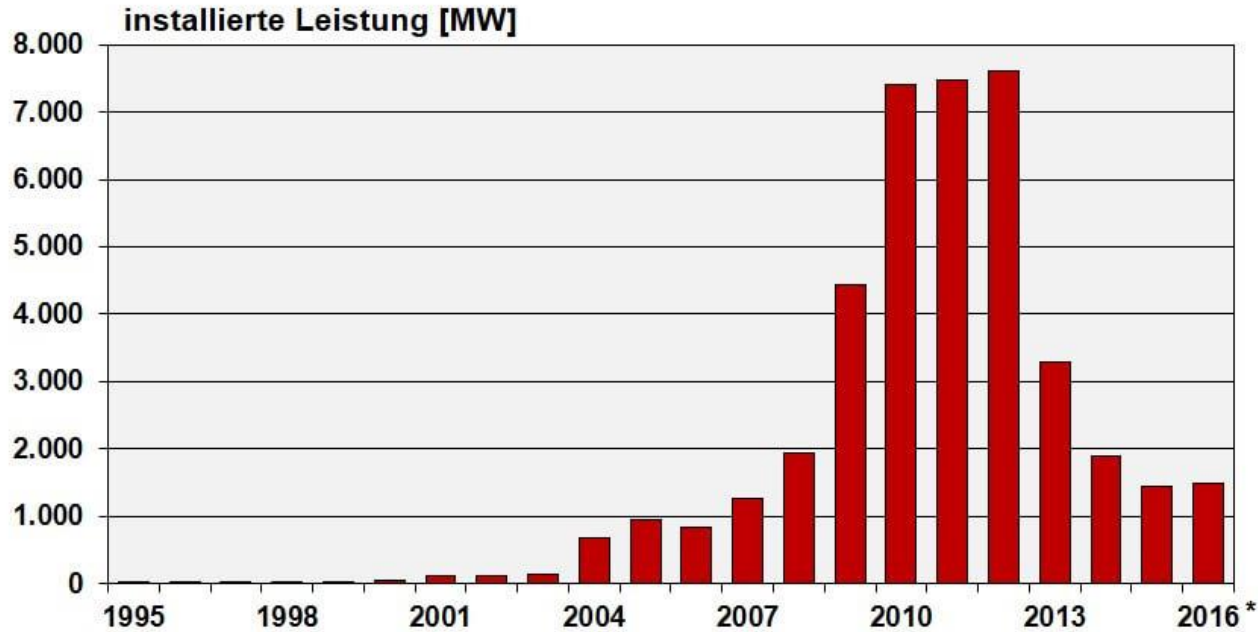
- 3 year / 6 semesters part time studies program (two years if fast track)
- Course workload is about 15 hours/week
- Blendet: 80 % On-line, 20 % On-campus
- Tuition fee is around 3800 Euro per semester

		1 year	2 years
Bachelor's degree	▶	prep	main
Master's degree*	▶		main

* conditions apply

The Ground of Hard Facts

PV-Markt Deutschland

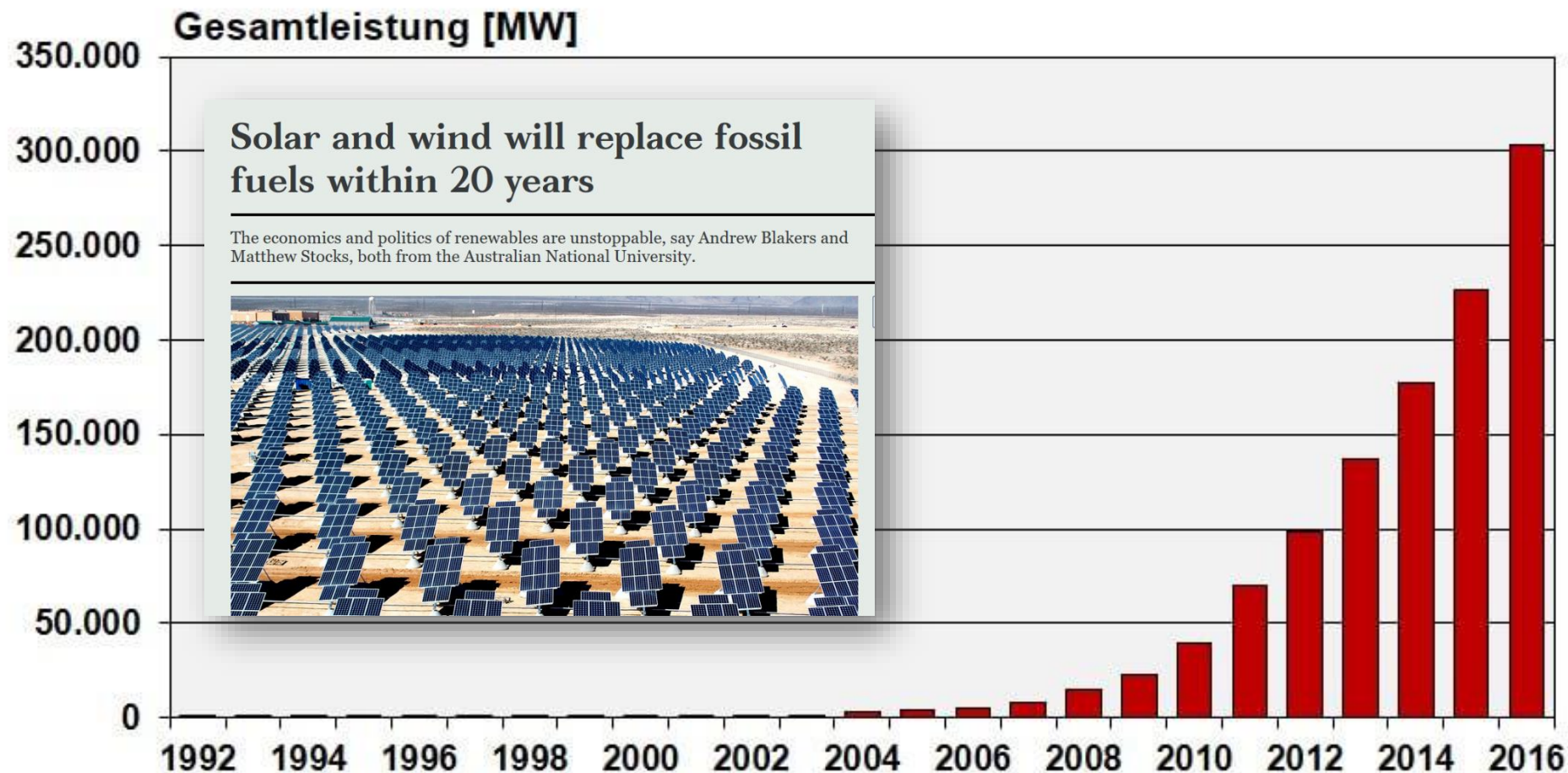


Quelle: IWR, Daten: IWR, Solar-Verlag, BNetzA, * = vorläufig

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Globaler PV-Markt



Who are we?

One of the leading
Universities in Germany



University of Freiburg

The largest solar energy
research institute in Europe



Fraunhofer Institute
for Solar Energy Systems (ISE)

Redesign: MSc. Solar Energy Engineering

In scientific cooperation with:



Study Online - next to your job
From all around the world

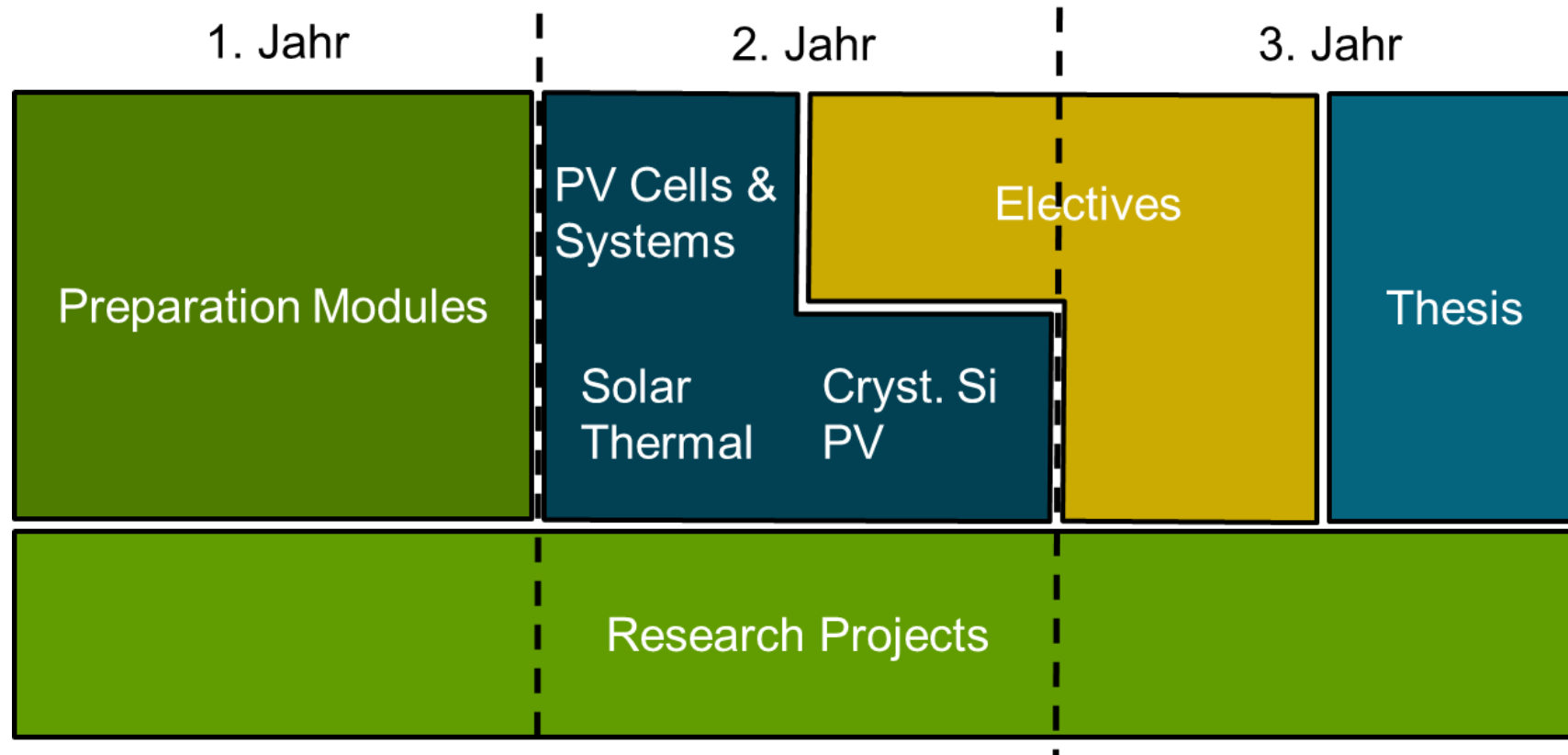
E-Lectures
Online Meetings



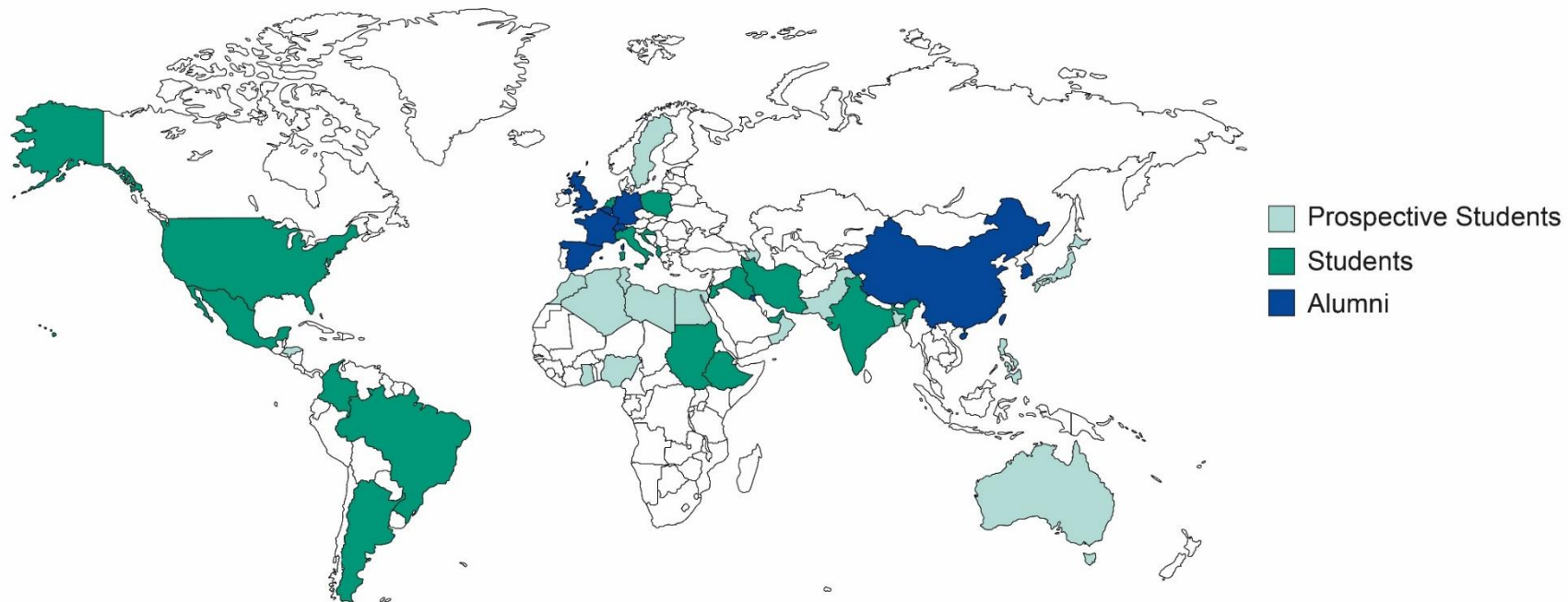
Voluntary Campus Phases
In Freiburg

Networking
Lab Internships

MSc Solar Energy Engineering



Currently 27 active students from 4 Continents



Allumni: 17
(4 during this year)

Active: 27 (+ 4)
(14 missing,
21 cancelled)

Applications: 16 (+8)
(165 requests since
November)

Cooperations - New Elective topic from PennState University

RESS – Renewable Energy and Sustainability Systems

Ressource Assessment and Finance (10 ECTS)

EME 810 Solar Resources Assessment & Economics, 5 ECTS

(<https://www.e-education.psu.edu/eme810/>)

AE 878 Solar Project Development and Finance, 5 ECTS

(<https://www.e-education.psu.edu/ae878/>)



PennState

Enrollment & Transfer:

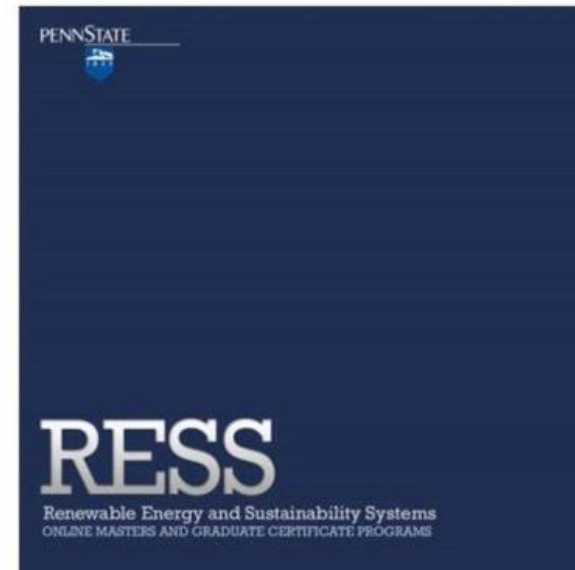
Enrollment directly at PSU, transfer as elective course after successfully completed

Timings:

EME 810: Summer (June-Aug.) and Fall (Aug.-Dec.)

AE 878: Spring (Jan.-June)

Cost: \$2559 (per course) + reg. fee \$30 + IT fee \$89



Upcoming Cooperations: SERIS Solar Energy Research Institute of Singapore

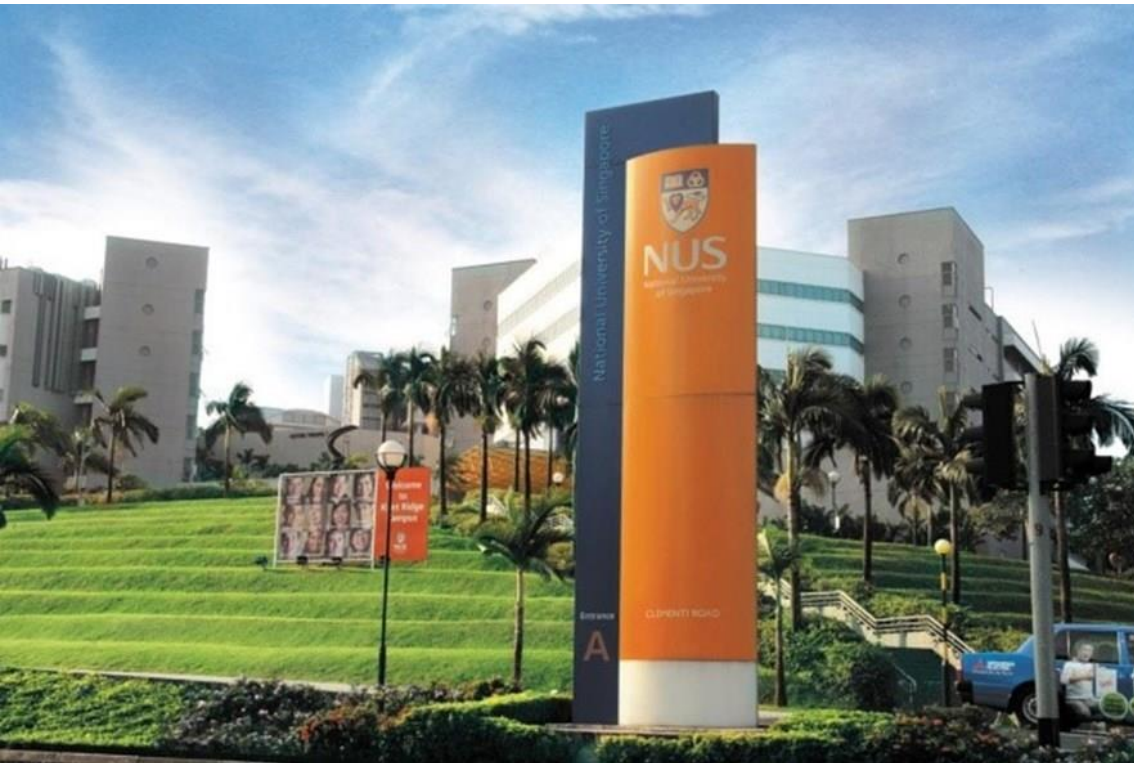
In scientific cooperation with:



- National University of Singapore
- Important Institute in South-Asia
- High-end Labs for internships



Solar Energy Research
Institute of Singapore





Solar Energy Engineering

Continuing Education

Study Online

Learn from the best German solar experts

Boost your Career

Become Part of the Solar Community

UNI
FREIBURG

In scientific cooperation with:

 **Fraunhofer**
ISE