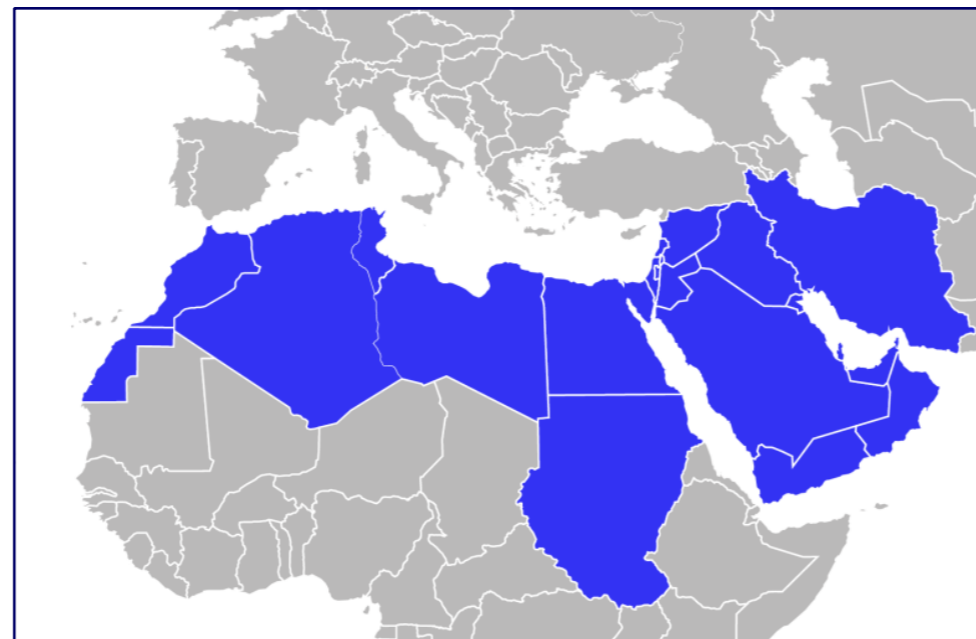


Double degree international M.Sc. program

# Renewable Energy and Energy Efficiency for the Middle East and North Africa (MENA) Region (REMENA)

Faculty of Electrical Engineering/Computer Science, University of Kassel, Germany  
Faculty of Engineering, Cairo University, Egypt



# REMENA

Masters Degree Program (M.Sc)

“Renewable Energy and Energy efficiency”  
for MENA Countries

- Objective: To educate experts in the field of Renewable Energy and Energy Efficiency who are high on demand for leading positions in the energy sector and are able to manage complex projects for international institutions and companies operating in the Arabic region.

## Program Structure:

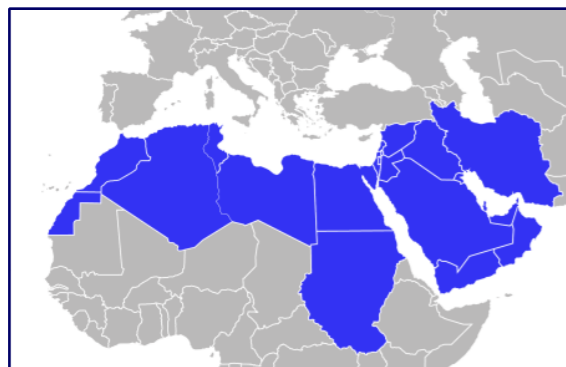


6 months (summer term)  
in Kassel, Germany



6 months (winter term) in Cairo, Egypt

9 months in the MENA region



## Program Objectives - Career Objectives

**Double degree:**

- M.Sc. degree from the University of Kassel
- M.Sc. degree from Cairo University

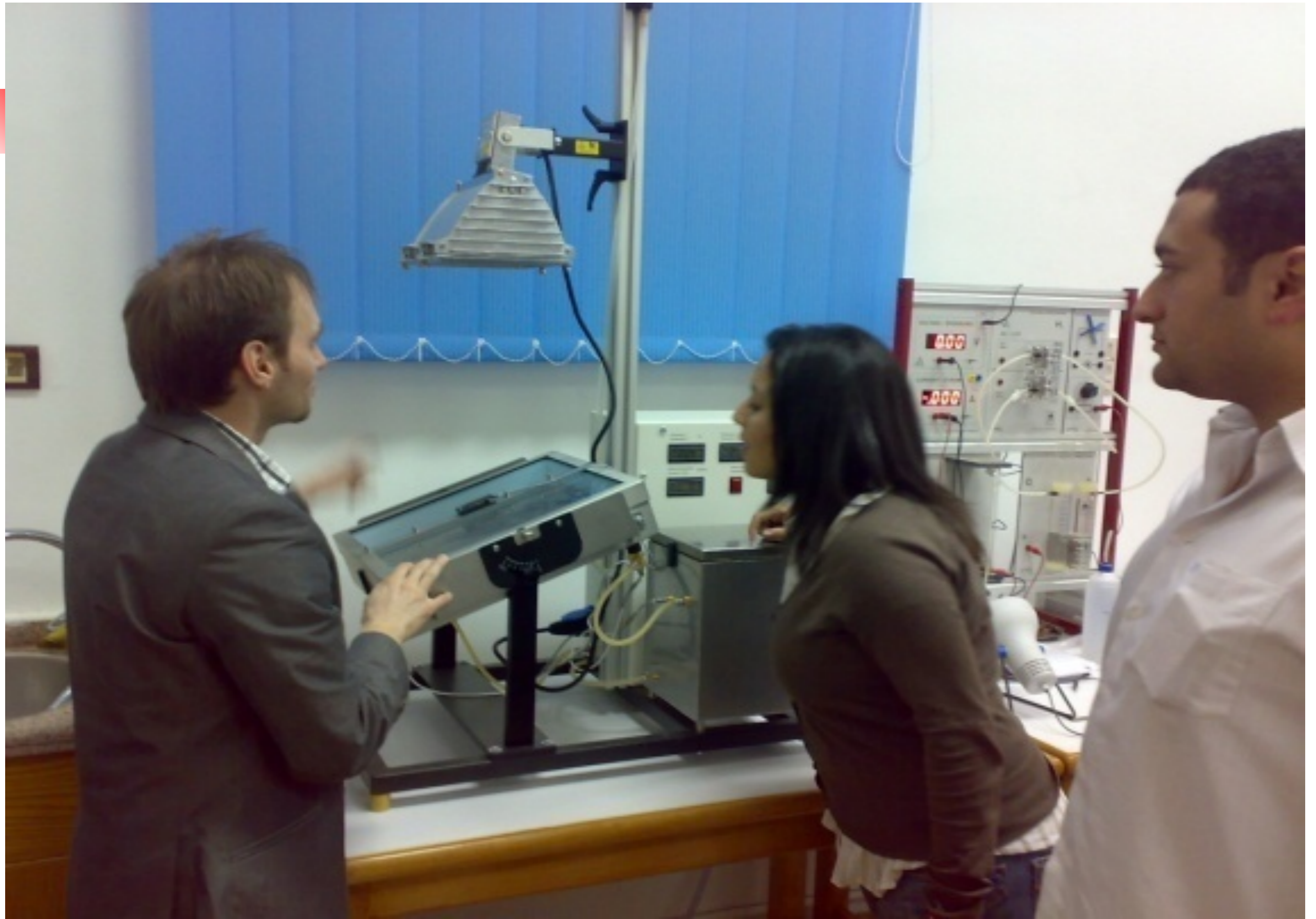
**expert in the interdisciplinary field  
of renewable energy**

**excellent career  
in international projects**

**leadership positions  
in the public and private  
energy sectors**



# Flat Plate Solar Simulator



# CSP and PV Simulators

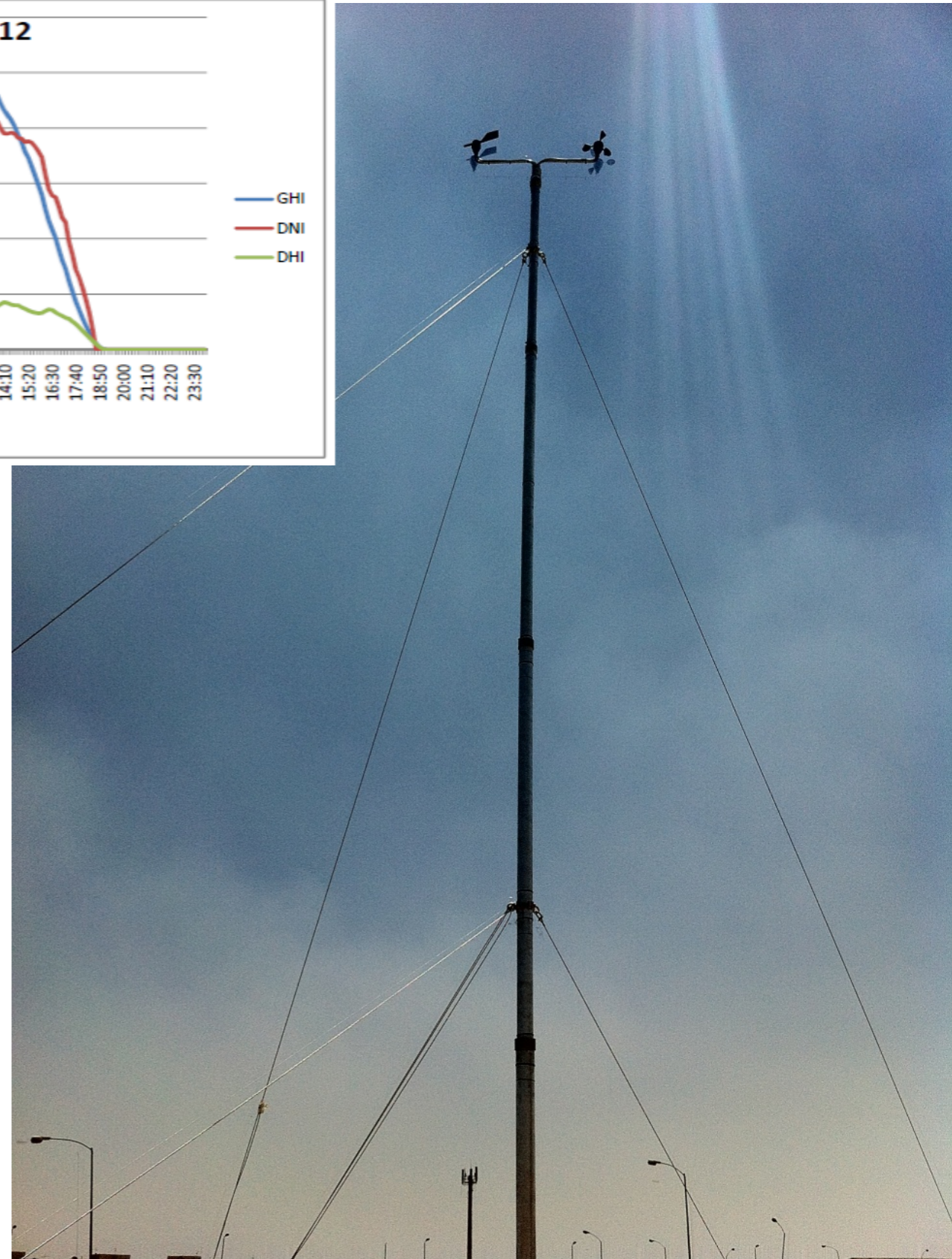
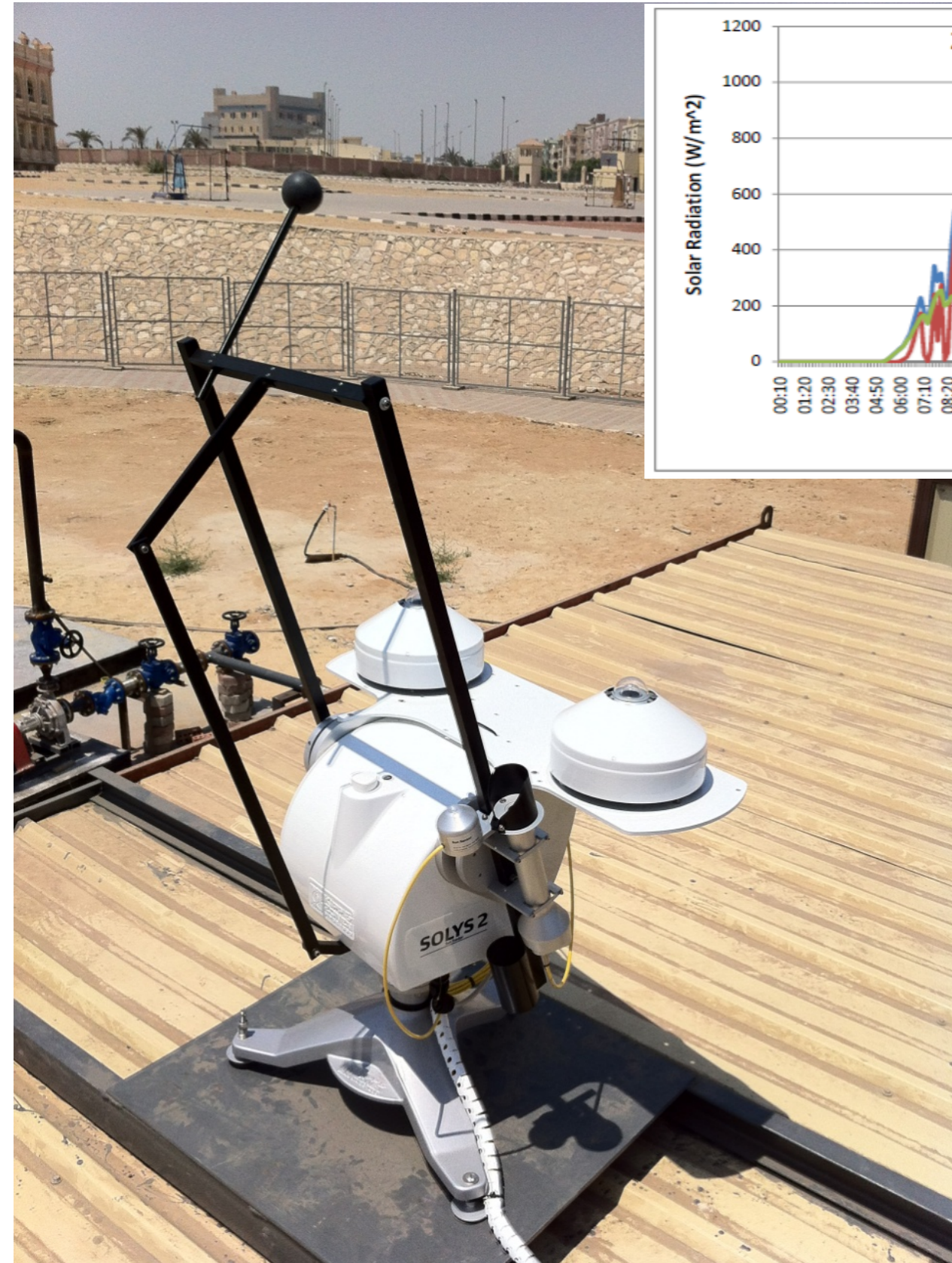
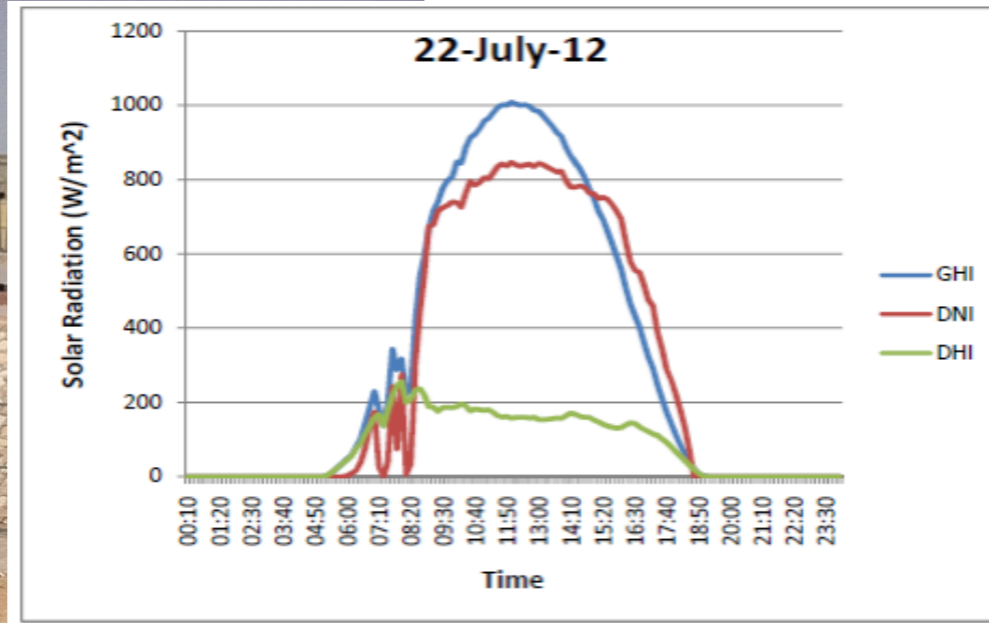




REMENA



# Meteorological measurements





## # REMENA graduates since the start of the program in 2009:

- Graduates up-to-date: about 70 alumni



2014/1



## Some of our Alumni



**M.Sc. Rawya Mostafa Abdel Rahman El Shazly from Egypt**  
• Company: KfW German Development Bank, Cairo Egypt



**M.Sc. Rand Alzubi from Jordan**  
• Company: Mustakbal Clean Energy, Jordan



**M.Sc. Sarmad Shaker from Iraq**  
• Institution: Ministry of Science & Technology, RE Directory, Solar Energy , Iraq



**M.Sc. Mathias Graunke from Germany**  
• Company: Proposal Manager at SENVION Deutschland GmbH, Germany



**M.Sc. Mohamed Ouda from Egypt**  
Institute: Fraunhofer Institute for Solar Energy Systems (ISE)



**Mohamed Shalaby, M.Sc.**  
REMENA Batch 3

- 2010-2011      **Short CV**  
Research Assistant GUC, Cairo  
STDF project on Wind and Solar
- 2010  
B.Sc. Electronics Engineering, German  
University in Cairo - GUC
- 2011-2013      REMENA Masters Program
- 2014  
Certified ReGrid Manager CRGM (RENAC),  
Berlin
- 2013 - to date      **Research Assistant at IdE**  
**Institute Decentralized Energy Technologies (IdE)**



My Master thesis focused on “Simulation of a Region Operating at 100% Renewable Energy”

The decentralization of energy supply is one of the main focal areas of research of IdE “Institute Decentralized Energy Systems” in Kassel, Germany

Main Projects I am involved in through my current position :

- Master plan county Osnabrück
- Heating & Electricity Regional Synergies
- BioPower2Gas



REMENA - International Master program

Testimonials

**"REMENA: A Career Enhancement by a Long Steps Jump!", says Ramy Essam, M.Sc., graduate REMENA batch 4**

"It is an overwhelming program not just a competitive one. Huge diversity booster, team work spirit, competition and interdisciplinarity."

Read the [complete report](#) [.pdf] !



**"Because RE is the golden door for sustainable development in the MENA region, REMENA is a perfect way to get involved in this pathway to the energy future."**



Redouane Abdelbari from Morocco joint the "Maghreb day" and reported about his experience.

In light of cooperation between "Afrika-Verein der deutschen Wirtschaft" and Dii (Desertec industrial initiative) a one day intensive workshop focusing on Renewable Energy activities in Morocco, Algeria and Tunisia was organized on February 20th, 2014. The "Maghreb day" provided a platform for international participants from the public and private sectors to exchange ideas and network. REMENA batch 5 student

Interview

Mittwoch, 9. Juli 2014

**Ich bin Absolvent  
der Uni Kassel**



Name: Rawya El Shazly  
Alter: 29  
Heimat: Kairo  
Heutiger Wohnort: Kairo  
Beruf: Projektmanagerin im Energie-Sektor bei der Bankengruppe KfW  
An der Uni Kassel: Februar bis August 2010  
Studiengang: Zunächst habe ich Economics und Finance an der Deutschen Universität in Kairo studiert. In Kassel habe ich dann ein Semester lang am REMENA-Masterprogramm teilgenommen (Erneuerbare Energien und Energieeffizienz für den Mittleren Osten und Nordafrika).  
Welche Erinnerungen haben Sie an Ihr Studium? Das Studium war sehr interdisziplinär ausgerichtet. Studierende aus verschiedenen Fachrichtungen wie Technik, Marketing, Jura und Pharmazie kamen zusammen. Außerdem fand ein kultureller Austausch zwischen den Studie-



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An aerial night view of a city, likely Dubai, showing a dense urban landscape with numerous illuminated skyscrapers and a complex network of highways. The lights from the buildings and roads create a vibrant, glowing scene against the dark night sky. The text "Thank you" is overlaid in a large, blue, serif font across the center of the image.

Thank you