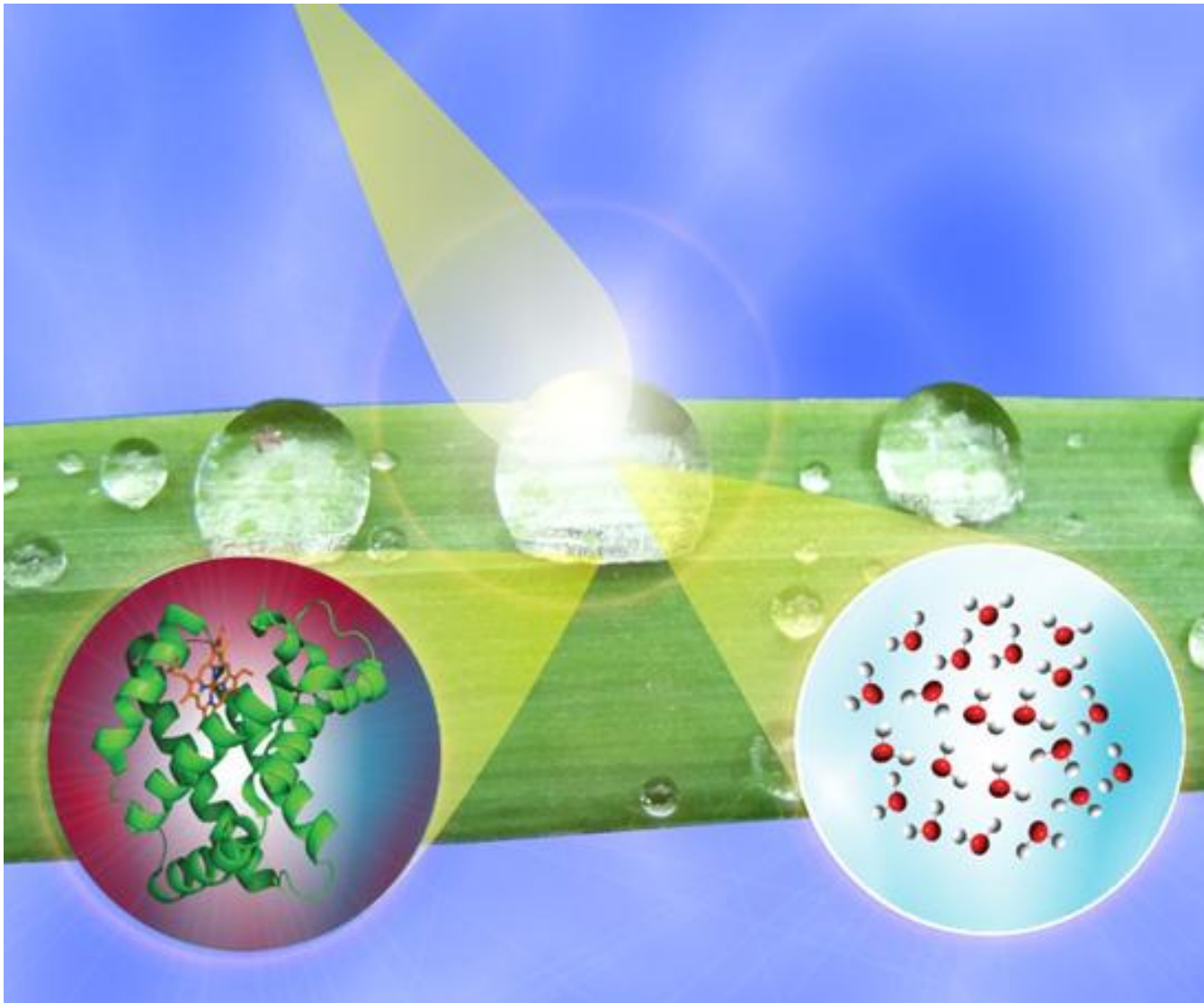


# From a DAAD Scholarship to a Professorship: Chances for a Scientific Career in Germany

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**Aziz** and co-workers **PCCP**  
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- B.Sc. in chemistry Ain-Shames University
- DAAD scholarship for two short visits to Berlin
  - First step to be internationally connected
- MSc. in physical chemistry and scientific computing at FU-Berlin
- Ph.D. in chemistry and natural science
  - BESSY - HZB in Berlin
  - ALS Berkeley, California
- Guest scientist in the EPFL, Switzerland
- Professor in the physics department of FU-Berlin & head of the department functional materials at HZB-Berlin

- Glances on the way from Cairo to Berlin
- **International Collaborations and Network**
- Science in Germany
  - Examples from my Research Activities
- Science and Society

For my perspective, we need

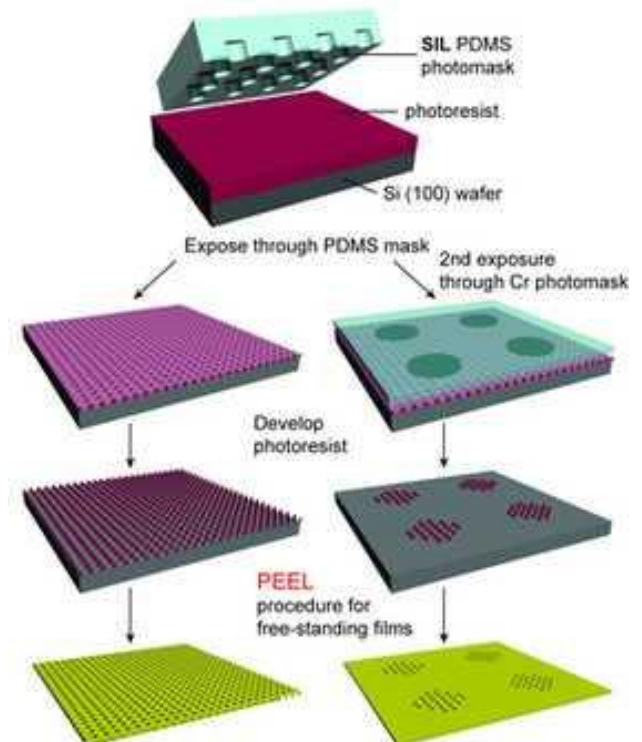
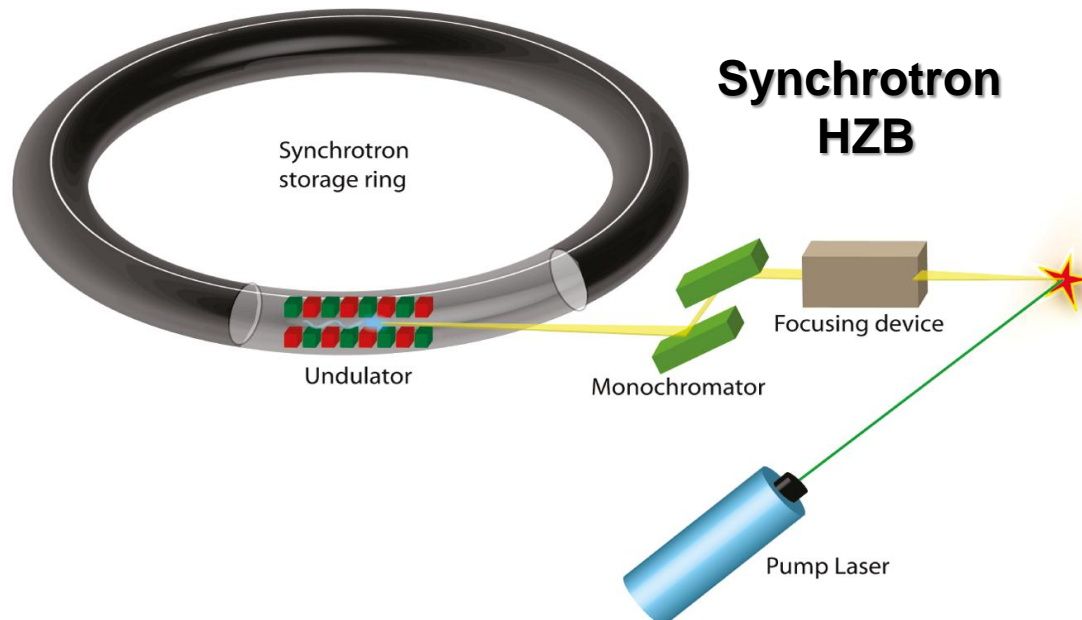
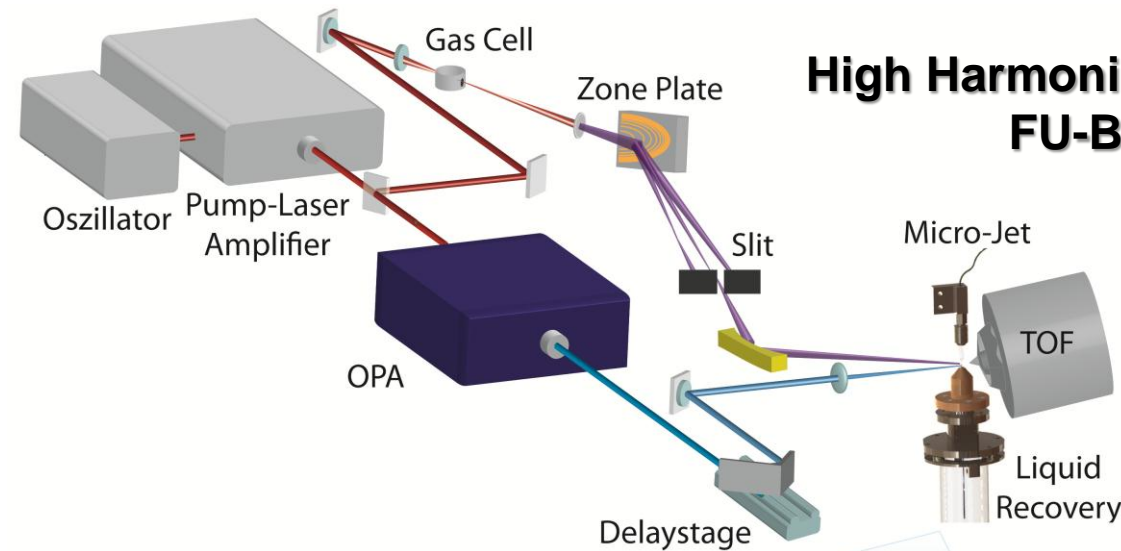
- Know-how and develop further
- Educate and train teams stand with the rapid developments in science and technology
- Network your researches, developments and activities
  - These candidates would be able take national and international challenges
  - Support your future ideas and applications ... we review each other

- Glances on the Way from Cairo to Berlin
- International Collaborations and Network
- Science in Germany
  - Examples in my Research Fields
- Science and Society

- Language is the key success to bridge personal communications and knowledge transfer
- The German universities and institutions did the following to support foreign scientists:
  - English combined with German language “Bilingual”
  - DAAD offer to long visit scientists condense German courses
  - Many lectures are currently in English
  - Scientific talks are presented in English
- In my research team scientists discuss in English any research topics

## High Harmonic Generation FU-Berlin

Joint FU – HZB lab  
Based on ERC-starting grant  
(from EU) + Prämier Grant  
(Helmholtz Gesellschaft) [> 3  
Million Euro]:



- Master and doctor fellows by many different scholarships, e.g. DAAD, Erasmus program ...
- For outstanding students who got doctor degree in land: grant to go to other land as a postdoctoral researchers and gain international experiences
- For outstanding foreign students, many scholarships to come as a guest scientist, e.g. Humboldt scholarship, Einstein scholarship ...
- For brilliant scientists, national or international, starting grant to build a research group, e.g. young investigator research grant by Helmholtz society ...
  - Managements workshop: group and time management
  - Professional coaching
  - Tutor coaching

- Glances on the Way from Cairo to Berlin
- International Collaborations and Network
- Science in Germany
  - Examples in my Research Field
- **Science and Society**

# Example for Middle East German network: CSESAME



Helmholtz-Zentrum Berlin für Materialien und Energie GmbH



SESAME (**S**ynchrotron-light for **E**xperimental **S**cience and **A**pplications in the **M**iddle **E**ast) is the Middle East's first major international research centre in the making.

*Thank you for your attention*