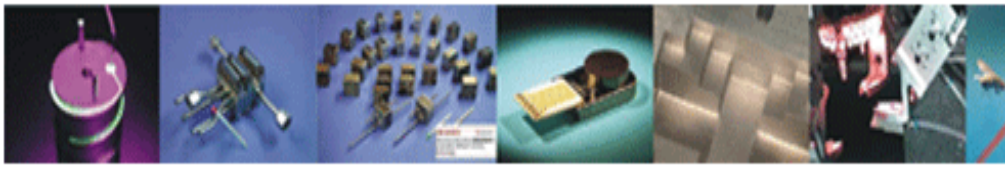
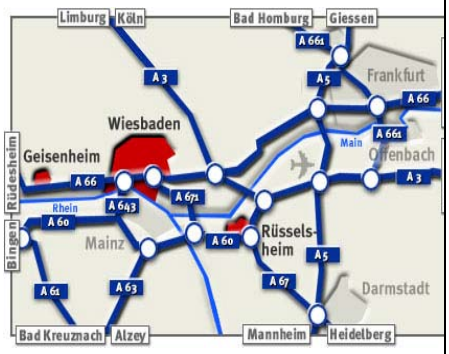


Hochschule **RheinMain**
University of Applied Sciences
Wiesbaden Rüsselsheim Geisenheim
Germany

SUMMER SCHOOL
ADVANCED APPLIED PHYSICS

Introduction in Hydrogen/Fuel Cells and Microtechnology

August 16 to September 3 2010



Scientific Programme:
Two real hands-on laboratory courses:

- Experience Hydrogen and Fuel Cells Technologies from basic principles to assembling a fuel cell unit, including Excursions to hydrogen fuel gas stations and other industrial partners (10 days)
- Try thin film deposition and patterning techniques by yourself; learn about Vacuum-technologies and Ion-beam-etching, manufacture your own micro-chip in the Clean room facility of our Institute for Microtechnologies (5 days)

Requirements: General Engineering Knowledge ♦ **Language:** English ♦ **Value**: 6 Credit Points

Cultural Programme:

- Boat Trip on the Rhine
- Visit to the big cities in the area (Wiesbaden, Mainz, Frankfurt, Darmstadt)
- Wine Tasting at Campus Geisenheim
- Various trips to Companies and tourist attractions

Costs: 800 € (lectures, labs, excursions, accommodation)

Registration until March 31, 2010

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See you in Ruesselsheim!