

ENGR 4595 Global Technology Practice – Syllabus – Summer 2019 (proposed)

MONDAY, JUNE 3

Ride to the Campus Stuttgart-Vaihingen

Monday, June 1 Morning - University of Stuttgart, Office of International Affairs at
IZ (Internationales Zentrum, International Center),

Mrs. Marion Echle

(Assistant director, Office of International Affairs)

Film Uni Stuttgart, Introduction and information concerning studies and curriculum,
work, internships, exchange programs, etc.

Raum TBD

Lunch break (paid individually)

Afternoon - Departure for VDI Haus

VDI (German Society of Engineers)

Visit to the Association of German Engineers

Herr Michael Just

Frau Sabine Johnson

TUESDAY, JUNE 4

Morning - Visit to the Institut für Technische Optik

Optical Design and Simulation

Prof. Dr. Alois Herkommer

Studiengangskoordination & Fachstudienberatung

Institut für Technische Optik (ITO)

Technische Dipl.-Kffr. Katharina Bosse-Mettler

www.uni-stuttgart.de/ito/institut/anfahrt/index.en.html

10:15 pm – 12:30 pm Free Time / Lunch break (paid individually)

Afternoon - Departure to Robert Bosch GmbH Schwieberdingen

Kathrin Jann

Bildungsreferentin HRL3-Si

Gasoline Systems

Personalabteilung Schwieberdingen

Personalentwicklung

Robert Bosch GmbH

www.bosch.com

kathrin.jann@de.bosch.com)

WEDNESDAY, JUNE 5

Mid-day Meeting point: i-Punkt

Afternoon - Fahrt von HBF nach Sindelfingen

Arrival at Kundencenter, Customer Center Sindelfingen

Visit Mercedes-Benz Werk Sindelfingen

Daimler factory Sindelfingen

Customer Center Sindelfingen
mail: werkbesichtigungen.w050@daimler.com

THURSDAY, JUNE 6

Early morning - Fahrt zum Treffpunkt, Karlsplatz /Stauffenbergplatz
Hinter dem Alten Schloss
07:00 am Departure for Hechingen by bus
Morning - Medical Engineering
Gambro Dialysatoren GmbH
Dialysis Production Facilities,
Hämoperfusionskartuschen, Elektrolytkonzentraten und
anderen medizinischen Einmalartikeln.
Bosse-Mettler
Bus für ca. 30 Personen
12:15 pm – 12:45 pm Departure for Tübingen
1:00 pm – 2:00 pm Lunch break (paid individually)
2:00 pm – 3:30 pm Sightseeing Tour Tübingen
3:30 pm – 5:30 pm Free Time
5:30 pm – 6:30 pm Departure for Stuttgart

FRIDAY, JUNE 7

Check out of Stuttgart hotel
Morning – Visit Festo AG & Co.KG
Esslingen-Berkheim
Tatjana Beck
Abteilung Human Resources Sales
12 PM - Fahrt ins Kleinwalsertal
Departure to the Alps by train from Ulm main train station
to the Alps, Hirschegg / Kleinwalsertal

SATURDAY, JUNE 8

Hiking tour (Fellhorn Gipfel, 2000+ m) – all day

SUNDAY, JUNE 9

Morning – tour of Breitachklamm
Afternoon – optional hike / relaxation

MONDAY, JUNE 10

09:46 am - Return to Stuttgart by bus and train
Rückfahrt von Bahnhof Oberstdorf nach Stuttgart

TUESDAY, JUNE 11

9:00 – 11:30 AM – Group Reflection
Lunch
Afternoon – free time

WEDNESDAY, JUNE 12

Morning - IFF (Institute of Industrial Manufacturing and Management)

and IPA (Fraunhofer Institute for Manufacturing Engineering and Automation (Stuttgart-Vaihingen)
Ansprechpartnerin: Her Nguyen
Lunch Break (paid individually)
Afternoon - Institute for Internal Combustion Engines and Automotive Engineering

- MKP: Multi-configuration test bench with climate chamber and energy flow simulation
- Driving Simulators,
- Electric Vehicle Charging Station for Electric Vehicles,
- Greenteam (student project, electric race cars)

Director: Prof, Dr.-Ing. H.-C. Reuss
Omar Abu Mohareb
Chair in Automotive Mechatronics

THURSDAY, JUNE 13

Morning - free
Afternoon - Visit to the MPI - Max Planck Institute for Intelligent Systems
StEM – Stuttgart Center for Elektronmicroscopy
Ankunft am Institut, brief introduction to MPI-IS and the MPG
Tour of TEM Microscopes at the Stuttgarter Zentrum für Elektronenmikroskopie
Uhr Research group nano.AR (Dr. J.-H. Dirks)
Research group Lab-in-a-Tube and Nanorobotics (Dr. S. Sanchez)
Q&A with Dr. Matthias Krüger
(Research group: non-equilibrium systems
Nichtgleichgewichtssysteme)
Evening - Visit with the Debating Club of the University of Stuttgart

FRIDAY, JUNE 14

07:30 - 09:45 – Travel via Reisebus
Mid-day - Wasserkraftwerk (Hydroelectric Powerplant) Rudolf-Fettweis-Werk Forbach
-Film in Englisch über den Bau der Schwarzenbachtalsperre
-Einblick in die Schaltwarte
-Rundgang durch das Krafthaus, vorbei an den Turbinen (bis hier Dauer ca. 2,5 Stunden)
-Fahrt zur Schwarzenbachtalsperre (ca. 15 min)
-Kontrollgang durch die Schwarzenbachtalsperre (ca. 30 min)
Gesamtzeit ca. 2,5 - 3 Stunden
Herr Matthias Spissinger wird Sie in englischer Sprache durch die Führung begleiten.
http://www.enbw.com/content/de/der_konzern/enbw_gesellschaften/kraftwerke_ag/besichtigungen/wasserkraftwe

rke/index.jsp

1:00 – 1:30 Fahrt zum Mummelsee oder nach Alpirsbach

1:30 – 2:30 Free time/ lunch time

2:30 – 4:00 Kaffee und Kuchen

Vorführung Produktion

Schwarzwälderkirchkuchen

<http://www.mummelsee.de/de/gastronomie/gastronomie.htm>

Rückfahrt nach Stuttgart

6:30 pm Abschiedsfest im Schlesinger (Dana)

SATURDAY, JUNE 15

Departure