



WIBEC/COST-IRACON

Joint Training School on Antennas and Propagation Modeling for Body Environment Communications

Date: March 1 – March 3, 2017

Location: TU Dresden, Merkel-Bau (MER/02/H, <https://navigator.tu-dresden.de/etplan/mer/00/raum/143100.0260>), Germany

TRAINERS:

Prof. Dr.-Ing. Dirk Plettemeier, Technische Universität Dresden, Germany
 Dr. Kamran Sayrafian, National Institute of Standards and Technology, USA
 Prof. Luis M. Correia, Instituto Superior Tecnico, University of Lisbon, Portugal
 Dr.-Ing. Qiong Wang, Technische Universität Dresden, Germany
 Prof. Slawomir J. Ambroziak, Gdansk University of Technology, Poland
 Prof. Narcis Cardona, iTEAM Universitat Politècnica de Valencia, Spain
 Prof. Wout Joseph, IMEC INTEC-WAVES, Ghent University, Belgium
 Dr. Ali Khaleghi, Oslo University, Norway
 Dipl.-Ing. Christoph Statz, Technische Universität Dresden, Germany

PROGRAM:

Day 1 – Wednesday, March 1st

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| 13:00 – 14:30 | CSEM: Introduction and Body Environment Communications System Aspects |
| 14:30 – 14:45 | Coffee break |
| 14:45 – 16:15 | International Standards and Regulation |
| 16:15 – 17:00 | Discussion and Wrap-up |
| 18:00 - 19:30 | City Walking Tour: Meeting point is Martin Luther monument in front of Frauenkirche (https://goo.gl/maps/TnSBuAYNFCJ2) |

Day 2 – Thursday, March 2nd

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| 09:00 – 10:30 | EM characteristics of human tissues, Emulation of body tissues properties, Phantoms |
| 10:30 – 10:45 | Coffee break |
| 10:45 – 11:30 | On-body antennas |
| 11:30 – 12:15 | In-body antennas |
| 12:15 – 13:30 | Lunch: 5 minute walk to Alte Mensa (https://navigator.tu-dresden.de/karten/dresden/geb/m13) , Vouchers for lunch including beverage are included in the Training School Fee |
| 13:30 – 14:30 | TUD lab tour |

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| 14:30 – 15:15 | Simulation tools and numerical methods for antenna design and propagation |
| 15:15 – 15:30 | Coffee break |
| 15:30 – 17:00 | Introduction to SAR aspects |
| 18:45 | Joint Training School Dinner: Feldschlösschen Stammhaus (see information below) |

Day 3 – Friday, March 3rd

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|---------------|---|
| 09:00 – 09:45 | Static & Dynamic On-Body propagation channel modelling |
| 09:45 – 10:30 | Static & Dynamic Off-Body propagation channel modelling |
| 10:30 – 10:45 | Coffee break |
| 10:45 – 11:30 | In-Body propagation channel modelling |
| 11:30 – 12:15 | Discussion |
| 12:15 – 12:30 | Workshop Wrap-up |
| 12:30 – 13:30 | Lunch (optional) |

Travel information – how to come to Dresden?

Dresden has an international airport (DRS) with national and some international connections. It takes around 30-40 minutes from the airport to the university by public transport / around 20 minutes to the main station / 30 minutes to the city center.

Alternatively, you can fly to Berlin-Tegel (TXL) or Berlin-Schönefeld (SXF) with more connections. From Berlin to Dresden, it takes around 2-3 hours to Dresden.

You can use the national railway:

<http://www.bahn.com/en/view/index.shtml>

There also bus companies that have a direct service from the Berlin airports to Dresden:

<http://www.flixbus.com>

<http://www.regiojet.com/en/>

Travel information – how to get around in Dresden?

Dresden has an efficient public transport system with rail (S-Bahn), trams and busses. You can plan your trip on: <http://www.dvb.de/en-gb/>

There are single-trip tickets, 4-trip tickets, daily and weekly tickets available. You can buy them at ticket vending machines. They have to be purchased in advance and validated in the bus or tram. When using the S-Bahn, they have to be validated at the platform. It is also possible to purchase the ticket in the bus at the driver or tram at small vending machines (cash only) BUT NOT IN S-BAHN.

The training is in building “Merkel-Bau” (Helmholtzstr. 14, 01069 Dresden): <http://navigator.tu-dresden.de/karten/dresden/geb/mer/>

The best station nearby is “Nürnberger Platz” serviced by tram 7 + 8 and bus 61. It takes around 15 - 20 minutes from the city center to get there.

So kommen Sie zu uns mit Bahn und Bus

Abfahrt am

Verbindung anzeigen

Travel information – weather, ...

The average temperature will be between 0° and 8°C. Probably there will be some rain. Even snow is possible. We plan to have a walking tour through the city.

Hotel information – where to stay in Dresden?

There are a lot of hotels in Dresden covering different standards. We recommend that you stay in the city center "Altstadt" because it provides easy access to airport, train station and university.

You may ask at the IBIS hotels (<http://www.ibis.com>), the Motel 1 hotel (<http://www.motel-one.com>) or the Steigenberger Hotel (<http://www.steigenberger.com>) for a special rate for TU Dresden visitors (which still may be more expensive than special offers from other hotels). The city of Dresden introduced a **lodging tax** (detailed information in English: http://www.dresden.de/media/pdf/infoblaetter/07_Infoblatt_Gaeste_EN.pdf). **As a business traveller, you are not required to pay the tax.** Please **print out and fill the form** available in English (http://www.dresden.de/media/pdf/formulare/Vdr22.044_Arbeitgeberbestaetigung_engl.pdf) **in advance** in order to avoid the payment of the tax. This form has to be presented to the hotel. We will also assist you once you are in Dresden if necessary.

Workshop dinner information

The workshop dinner included in the registration fee will take place in a local brewery: Feldschlösschen Stammhaus (<http://www.feldschloesschen-stammhaus.de/>). Before you will enjoy local food (vegetarian and fish options are available) and beverages, there will be a guided tour in the beer museum including beer tasting.

The dinner venue is located Budapester Straße 32, 01069 Dresden (<https://goo.gl/maps/cZwMjCiWVbn>), not far from city center. If traveling by public transport, the nearest stop is "Agentur für Arbeit".

So kommen Sie zu uns mit Bahn und Bus

Startpunkt

Agentur für Arbeit, Dresd...

Abfahrt am

23.02.2017 13:43

Verbindung anzeigen