

Transregio18-Meeting in Berlin, 28th to 30th September 2009
Max Born Saal at MBI

Monday, 28th September 2009 Arrival, as from 7 pm dinner at Dorint Hotel

08.00 pm Board of Directors Meeting at Dorint Hotel

Tuesday, 29th September 2009

09.00 am – 09.05 am Greeting
Electron acceleration and application
09.05 am – 09.50 am **Guest** Dr. Stuart Mangles (Imperial College)
"Generating electrons and x-rays in laser wakefield accelerators"
09.50 am – 10.00 am Discussion
10.00 am – 10.25 am A1 Electrons
10.25 am – 10.50 am A2 Electrons
10.50 am – 11.15 am Break
11.15 am – 11.40 am A3 Electrons (theory)
11.40 am – 12.05 pm A8 Hard x-ray (electron application)
12.05 pm – 12.30 pm Dr. Schramm/FZD
12.30 pm – 02.15 pm Lunch at Dorint Hotel
Ionisation, spectroscopy, plasma physics
02.15 pm – 02.40 pm B8 Ionisation
02.40 pm – 03.00 pm A9 Soft x-ray beams
03.00 pm – 03.25 pm B1 Plasma physics with relativistic ultra-short pulses laser
03.25 pm – 03.50 pm B9 Optical probing
Strong field electrodynamics
03.50 pm – 04.15 pm B7 Strong field electrodynamics
04.15 pm – 04.40 pm Break
Few cycle pulses
04.40 pm – 05.05 pm A4 Plasma theory – few cycle pulses
05.05 pm – 05.30 pm C2 Few-cycle OPCPA
05.30 pm – 05.55 pm A7 Attosecond x-ray pulses
07.30 pm Dinner in the city centre of Berlin

Wednesday, 30th September 2009

09.00 am – 09.45 am Ion acceleration and probing
Guest Dr. David Carroll (University of Strathclyde Glasgow)
09.45 am – 09.55 am Discussion
09.55 am – 10.20 am A5 Protons
10.20 am – 10.50 am A6 Proton probing
10.50 am – 11.15 am Break
Spectroscopy
11.15 am – 11.40 am A10 X-ray spectroscopy
Special theoretical topics
11.40 am – 12.05 am B3 Solitons
12.05 am – 12.35 pm B5 Numerical methods
12.35 pm Close
01.05 pm Lunch at Dorint Hotel
Departure