

PROGRAM

All lectures are held at the Festsaal, VUT, Karlsplatz 13

Thursday, 28 October

12:00-13:30 lunch

18:00 Public lecture: Paul Corkum



National Research
Council, Ottawa, CA
Catching Electrons with
Light?

13:30 Andrius Baltuska, VUT,
Photonics Institute
Cycle-sculpted strong field
optics

14:00 Bern Kohler, Montana State
University, USA
Deactivation pathways of
excited electronic states in
DNA explored by femto-
second spectroscopy

20:00 Dinner

Friday, 29 October

08:45 Welcome

Opening remarks by Peter
Skalicky, President of VUT

14:40 Christian Spielmann, Institute
for Optics and Quantum
Electronics, Friedrich-Schiller-
University Jena
Time-resolved X-ray spectro-
scopy using high-harmonic
radiation

09:00 Ferenc Krausz, MPQ Garching
Attoworld: controlling and
tracing electron motion in real
time

09:40 Joachim Burgdörfer, VUT,
Institute for Theoretical
Physics
Employing ultrafast pulses:
Quantum physics in the time
domain

15:10-15:30 coffee break

15:30 R.J. Dwayne Miller, CFEL/
DESY, University Hamburg
"Making the Molecular Movie"
– first frames

10:10 – 10:30 coffee break

10:30 X.-C. Zhang, Rensselaer Poly
technic Institute, Troy, USA
Pulsed THz wave generation
and detection in gases

16:10 Harald F. Kauffmann, Institute
for Physical Chemistry,
University of Vienna
2-dimensional coherent
electronic spectroscopy

11:10 Karl Unterrainer, VUT,
Photonics Institute
Phase-resolved THz spectro-
scopy of semiconductor
quantum structures