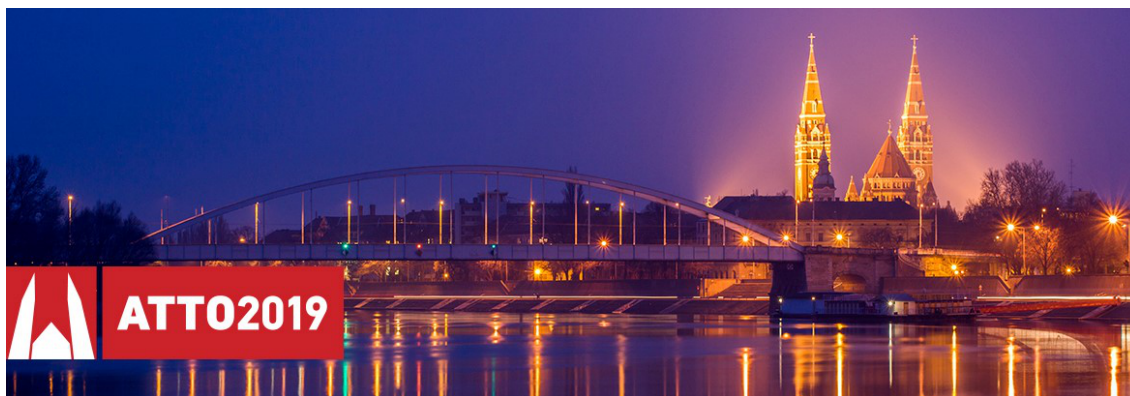


Session Program

1-5 Jul 2019



ATTO2019 Registration to Scientific Sessions

Poster session 2

University of Szeged Congress Centre
Ady Square 10., 6722 Szeged, Hungary

Wednesday 3 July

18:00

Poster session 2: Wednesday poster session with sandwiches

Session | **Location:** University of Szeged Congress Centre, Ady Square 10., 6722 Szeged, Hungary

18:00–20:00

Selective Electron Emission in XUV+IR Photoionization

Speaker

Renata Della Picca

18:00–20:00

On the Theory of Attosecond Interferometry Experiments for Liquid Water

Speaker

Hans Jakob Wörner

18:00–20:00

A Real-Space Perspective On High Harmonic Generation In Solids

Speaker

Guilmot Ernotte

18:00–20:00

An Intense Attosecond Light Source for Time-resolved Photodissociation Studies in Large Molecules

Speaker

Mr Jasper Peschel

18:00–20:00

Multiple Ionization of Ar in Strong Elliptically Polarized Laser Fields

Speakers

Ms Zhao Xinning, Luo Sizuo, Ding Dajun

18:00–20:00

Isotope Effects on the Ionization of Hydrogen Molecular Ions in Strong Laser Fields

Speaker

Liang Xu

18:00–20:00

First Attosecond Pulses in ELI-ALPS High Repetition Rate Beamline

Speaker

Miklós Füle

18:00–20:00

High Harmonic Generation Gas Cell for High Repetition Rate Secondary Sources

Speaker

Mr Zoltán Filus

18:00–20:00

Asymmetry of the Photoelectron Momentum Distribution from Molecular Ionization in Elliptically Polarized Laser Pulses

Speaker

Dr Yanan Qin

18:00–20:00

High Harmonic Generation and Applications at ELI Beamlines

Speaker

Dr Ondřej Hort

18:00–20:00

Selection Rules in HHG: Unified Microscopic-macroscopic Group Theory and Observation of New Selection Rules**Speaker**

Mr Gavriel Lerner

18:00–20:00

XUV and Soft X-ray Transient Absorption Spectroscopy of Strong-Field Excited Molecules**Speaker**

Mr Danylo Matselyukh

18:00–20:00

Decomposition of AC Stark Effect and Interference Signals in the Temporal and Spectral Response in Attosecond Transient Absorption Spectroscopy**Speaker**

Lorenz Drescher

18:00–20:00

Interference Signatures from Kramers-Henneberger Atoms**Speaker**

Mr Pei-Lun He

18:00–20:00

Strong-field Dynamics Driven by Ultrafast Hyper-Gaussian Pulses in Cascade Three-level System**Speaker**

Dr Ji-Cai Liu

18:00–20:00

Nonlinear Fourier Transform Spectroscopy of Acetylene by Intense Attosecond Pulse Trains**Speaker**

Mr Takuya Matsubara

18:00–20:00

Spatio-Temporal Dynamics in Femtosecond Filamentation**Speaker**

Mrs Lana Neoricic

18:00–20:00

Optical Lasing during Laser Filamentation in the Nitrogen Molecular Ion: Rotational Inversion**Speakers**

Dr Felipe Morales, Dr Maria Richter

18:00–20:00

Spatiotemporal Coupling of Attosecond Pulses**Speakers**

Mr Hampus Wikmark, Prof. Mette B. Gaarde

18:00–20:00

Simultaneous, Long-term Stabilization of the Delay and CEP for Coherent Combination of the Two-color Few-cycle Pulses

Speaker

Prof. Shaobo Fang

18:00–20:00

Two-Color High-Harmonic Spectroscopy of Liquids**Speaker**

Dr Tran Trung Luu

18:00–20:00

HHG-Driven Photoionization of Noble Gaseous Atoms Investigated with Newly-Built Reaction Microscope in Lanzhou**Speakers**

Prof. Shaofeng Zhang, Prof. Xinwen Ma

18:00–20:00

Sub-cycle Control Electron Localization of H_2 in Multicycle Laser Fields**Speaker**

Dr Sizuo Luo

18:00–20:00

Study on XUV Photon Flux Contributed by Phase-matched Off-axis High-order Harmonic Generation (HHG)**Speaker**

Dr Lifeng Wang

18:00–20:00

Detecting and Characterizing the Nonadiabaticity of Laser-Induced Quantum Tunneling**Speaker**

Siqiang Luo

18:00–20:00

Angularly Resolved Two-photon Above-threshold Ionization of Helium**Speaker**

Dr Diego I. R. Boll

18:00–20:00

Nonlinear Fourier Transform Spectroscopy of O_2 with Intense Attosecond Pulse Trains**Speaker**

Dr Shinichi Fukahori

18:00–20:00

High Intensity High-order Harmonic Generation by Optimizing Phase Matching Condition**Speaker**

Ms Yueying Liang

18:00–20:00

Ultrafast Electron Dynamics and High Harmonic Generations in Novel Two-dimensional Materials**Speaker**

Dr Mousumi Upadhyay Kahaly

18:00–20:00

High Power 1 TW Ti:sapphire Laser at 1 kHz for High Energy High Harmonic Generation**Speaker**

Prof. Hao Teng

18:00–20:00

Spatio-temporal Characterization of a High Repetition Rate, Few-cycle, CEP-stable OPCPA Laser**Speaker**

Dr Chen Guo

18:00–20:00

Quantum Path Interferences in High-Harmonics Generated by Impulsively Aligned N₂ Molecules**Speaker**

Dr Ioannis Liontos

18:00–20:00

Probing Molecular Influence on Photoemission Delays**Speaker**

Dr Shubhadeep Biswas

18:00–20:00

Sub-cycle Electron Dynamics in the Generation of Below Threshold Harmonics**Speaker**

Prof. Zhinan Zeng

18:00–20:00

Polarization-state-resolved High-harmonic Spectroscopy on Crystalline Solids**Speaker**

Mr Nicolai Klemke

18:00–20:00

Angularly Resolved RABBITT at 2 ω : Attosecond Pulses Measurement & Attosecond Signature of the 1s3p Resonance of Helium**Speakers**

Dr Vincent Lorient, Marius Herve

18:00–20:00

Cooper Minimum in Singly Ionized and Neutral Argon**Speaker**

Dr Ola Hassouneh

18:00–20:00

High Repetition Rate Attosecond Pulse Source for Coincidence Spectroscopy**Speaker**

Dominik Ertel

18:00–20:00

Towards Intense Isolated Attosecond Pulses by Waveform Synthesis**Speaker**

Alice Autuori

18:00–20:00

Seemingly Anomalous Electronic Signature in oriented Chiral Molecules upon Ultrafast laser**Speaker**

Dr Gopal Dixit

18:00–20:00

A Geometric Perspective of Photoelectron Circular Dichroism**Speaker**

Mr Andres Ordonez

18:00–20:00

Coherent Synchrotron Emission Source from Few Cycle Laser Driven Relativistic Surface**Speaker**

Mojtaba Shirozhan

18:00–20:00

Detection of Electronic and Lattice Dynamics through Attosecond X-ray Absorption Spectroscopy**Speaker**

Mr Nicola Di Palo

18:00–20:00

Influence of Vacancy-Defect in Solid High-Harmonic Generation**Speaker**

Mr Adhip Pattanayak

18:00–20:00

Universal Pulse Characterization Method for a Multi-octave Wavelength Range from UV to IR**Speaker**

Mr Wosik Cho

18:00–20:00

High Efficient Carrier-Envelope Offset Frequency Measurement and Control with a Tapered Photonic Crystal Fiber**Speaker**

Huibo Wang

18:00–20:00

Photoionization Time Delay in Xenon 4d Probed by Coincidence Spectroscopy**Speaker**

Shiyang Zhong

18:00–20:00

High-order Harmonic Generation in Graphene Under Local Ultrahigh Pressure**Speaker**

Giovanni Consalvo Cistaro

18:00–20:00

Observation of Inter-Channel Coupling in Photoionization Delays of Carbon Dioxide**Speaker**

Mr Andrei Kamalov

18:00–20:00

NewStock, a Time-dependent Close-coupling Program for Atomic Ionization**Speaker**

Dr Luca Argenti

18:00–20:00

Following Phonon Dynamics in Solids Using High-Harmonic Spectroscopy**Speaker**

Tran Trung Luu

18:00–20:00

Enhancement and Spatial Manipulation of High Harmonics in Crystals**Speaker**

Ms Shatha Kaassamani

18:00–20:00

High-order Harmonics as Induced by a Quantized Field: a Phase-space Picture**Speaker**

Dr Péter Földi

18:00–20:00

Photoelectron Holography of Noble Gas Atoms**Speaker**

Attila Tóth

18:00–20:00

Towards a mW-scale Attosecond Source**Speaker**

Dr Christoph M. Heyl

18:00–20:00

High Harmonic Generation on Noble Gas Clusters**Speaker**

Mr Balázs Bódi

18:00–20:00

Intense Attosecond Pulses from Few Cycle Relativistic Interaction**Speaker**

Dr Subhendu Kahaly

18:00–20:00

Effects of the Pump Wavelength on Laser-Induced Ultrafast Demagnetization**Speaker**

Katherine Légaré

18:00–20:00

Phase Control of Complex Fano Resonances**Speaker**

Mr Nicola Mayer

18:00–20:00

 H_2^+ Dissociation in Strong Laser Fields**Speaker**

Prof. Feng He

18:00–20:00

Nonperturbative Enhancement of Inelastic Photoemission Delay in Metals: Comparison with Correlated Insulators

Speaker

Jaedong Lee

18:00–20:00

Quantum Control and Multi-Dimensional Laser-Induced Mass Spectrometry of Biomolecules**Speaker**

Ms Ruth Ayers

18:00–20:00

Time-resolved Soft X-Ray Transient Absorption in the Liquid Phase**Speaker**

Dr Adam Smith

18:00–20:00

High Harmonic Generation in 2D and 3D Semiconductors**Speakers**

Ms Shatha Kaassamani, Dr David Gauthier

18:00–20:00

ELI-ALPS SYLOS GHHG Beamlines: Optimizing Generation Conditions for High-power Laser Pulses**Speaker**

Balázs Nagyillés

18:00–20:00

Resonant Faraday Effect Using High Order Harmonics for the Investigation of Ultrafast Demagnetization**Speaker**

Dr Guillaume Lambert

18:00–20:00

Self-referenced Spatio-temporal Characterization of Few-cycle Pulses**Speaker**

Dr Tobias Witting

18:00–20:00

Ultrafast Intramolecular Electron Transfer in Dye-sensitized Solar Cells: A Computational Perspective**Speaker**

Dr Mousumi Upadhyay Kahaly

18:00–20:00

Surface High Harmonics Using a Long Focusing Length**Speakers**

Mr Mingyuan Shi, Mr Ross McHugh

18:00–20:00

CEP-stabilized, sub-18fs, 10kHz and TW-class 1kHz Dual Output Ti:Sa Laser with Wavelength Tunability Option**Speaker**

Dr Anna Golinelli

18:00–20:00

Spectral Variation of the Driver after HHG in Long Medium: Correlation to Conversion Efficiency and Harmonic Spectral Shift

Speaker

Dr Jaroslav Nejdli

18:00–20:00

Ultrafast Electronic Decay through Carbon Chains**Speaker**

Dr Alexander Kuleff

18:00–20:00

Ellipticity-Resolved High-Harmonic Spectroscopy of Phase-Locked Attosecond Pulse Trains**Speaker**

Mr Eliyahu Bordo

18:00–20:00

ATTOLAB SE10: a Versatile and Integrated Beamline for Attosecond Physics on Gases and Surfaces**Speaker**

David Bresteau

18:00–20:00

Ultrafast Background-Free Detection of Ring Currents by Symmetry Breaking High Harmonic Spectroscopy**Speaker**

Mr Ofer Neufeld

18:00–20:00

Post-Compression of Pulses from an Yb Amplifier to 25 fs at 40 mJ**Speaker**

Paolo Carpeggiani

18:00–20:00

Artifact-free XUV Coherence Tomography by One-dimensional Phase Retrieval**Speaker**

Martin Wünsche

18:00–20:00

Ultrafast Dissociation of OCS Influenced by Neighbor Ion $\text{OCS}^{\{(1,2)+\}}$ in a Dimer**Speaker**

Mr Xitao Yu

18:00–20:00

A Gauge-Invariant Approach to Interband and Intraband Currents**Speaker**

Marco Taucer

18:00–20:00

Characterization of Attosecond Pulse Train using RABBITT Technique**Speaker**

Harshitha Nandiga Gopalakrishna

18:00–20:00

Ab Initio Approach to Ultrafast Spectroscopy with Stochastic Time-Dependent Density Functional Theory and Gauge-Including Projector Augmented Wave Method

Speaker

Stanislav Kruchinin

18:00–20:00

Tailoring Caustics in High-harmonic Generation with Phase-controlled Multi-colour Fields**Speaker**

Mr Sambit Mitra

18:00–20:00

Ultrafast Electron Dynamics in Relativistic Intensity Laser Plasma Interaction Revealed by Coherent THz Transition Radiation**Speaker**

Sudipta Mondal

18:00–20:00

Angle-resolved Photoemission Delays in Noble Gases and Molecules**Speaker**

Mr Daniel Hammerland

18:00–20:00

Coherent Control of Extreme-ultraviolet Emission Generated through Frustrated Tunneling Ionization**Speaker**

Dr Hyeok Yun

18:00–20:00

Central Laser Facility Artemis Upgrade: New Capabilities for X-Ray Spectroscopy**Speaker**

Dr Adam Wyatt

18:00–20:00

Single-Image Measurement of an Isolated Attosecond Pulse**Speaker**

Dr Donghyuk Ko

18:00–20:00

Generation of Terahertz radiation Using Large Aperture Photoconductive Antennas and Subps KrF Lasers**Speaker**

Mr Zsolt Kovács

18:00–20:00

The Influence of Many-Electron Atoms Polarization in a Strong Laser Field on the High-Order Harmonic Generation**Speaker**

Dr Nikolai V. Vvedenskii

18:00–20:00

First Results on Single Ionization of Helium by Extreme Ultraviolet Photons at Lanzhou**Speakers**

Prof. Shaofeng Zhang, Prof. Xinwen Ma

18:00–20:00

Time Resolved Photoelectron Circular Dichroism of Fenchone at FERMI

Speaker

Davide Faccialà

18:00–20:00

Strong-field-induced Electron and Nuclear Dynamics in Nitric Oxide Probed by Attosecond Soft X-ray Absorption Spectroscopy**Speaker**

Mr Nariyuki Saito

18:00–20:00

High-energy Ultrafast Mid-IR Optical Parametric Amplifier for Strong-Field Science**Speaker**

Mr Prabhath Prasannan Geetha

18:00–20:00

Photon Gas in Plasma: Thermodynamics and Bose-Einstein Condensate**Speaker**

Peter Mati

18:00–20:00

Analysis of Photoionization Time Delay Using R-matrix Method**Speaker**

Dr Jinlei Liu

18:00–20:00

Nonsequential Double Ionization of Helium in IR+XUV Two-color Laser Fields**Speaker**

Dr Bingbing Wang

18:00–20:00

Enhancement of High Harmonics Emission in Transmission by Surface Plasmon Polariton**Speaker**

Chaoneng Wu

18:00–20:00

Dual Self-diffraction Dispersion-scan: Characterizing Ultrashort Ultraviolet Pulses in Inhomogeneous Beams**Speaker**

Mr Miguel Canhota

18:00–20:00

Radially Polarized Pulses Compression**Speaker**

Chunmei Zhang

18:00–20:00

Origin of Strong-Field Induced Low-Order Harmonic Generation in Amorphous Solids**Speaker**

Benjamin Liewehr

18:00–20:00

Subcycle Transfer of Linear Momentum in Nondipole Tunnel Ionization**Speaker**

Hongcheng Ni

18:00–20:00

High Resolution Mass Spectrometry and Velocity Map Imaging for Ultrafast Electron Dynamics in Biomolecules**Speaker**

Mr Krishna Chaitanya Saraswathula

18:00–20:00

Transient Optical Gain in Solids after Strong-field Excitation**Speaker**

Mr Muhammad Qasim

18:00–20:00

Measurement of Attosecond Electron Pulses Emitted from Metallic Nanotips**Speaker**

Mr Hee-Yong Kim

18:00–20:00

High Order Harmonic Generation in an Active Grating**Speaker**

Thierry Ruchon

18:00–20:00

Photodissociation Dynamics of the LiF Molecule**Speaker**

Dr Attila Tóth

18:00–20:00

Reconstruction of Tunneling Time and Exit Momentum in Strong Field Ionization, Based on Phase Space Methods**Speakers**

Szabolcs Hack, Attila Czirják

20:00