

## Poster Session I (Tuesday, 5:00pm-)

Jiahua Cai	Terahertz birefringence in enamel
Arturo Hernandez Serrano	Development and testing of a THz-TDS handheld probe for in vivo detection of skin cancer
Hongting Xiong	Terahertz anisotropy in striated biological samples
Nicolas Beermann	Disentangling complex current pathways in metallic nanostructures by terahertz spectroscopy
Thorsten Bæk	Characterization of a novel terahertz cross correlation spectroscopy device
Tomoki Hiraoka	Passive mode-locking in resonant-tunneling-diode terahertz oscillator
Mikhail Khodzitsky	3D printed broadband Fresnel lens made of TOPAS
Mikhail Khodzitsky	Development of f-theta lens for THz imaging system
David Rohrbach	3D-printed THz wave- and phaseplates
Akira Satou	Plasmon-polariton excitation and hydrodynamic rectification effects in plasmonic terahertz detector with two-dimensional diffraction grating structure
Roman Tesař	Magnetic circular dichroism in terahertz frequency range
Joseph Costello	Extracting scattering rates of coherently driven charge carriers via temperature dependence of high-order sideband polarimetry
Lauren Davis	Disentangling 2D THz measurements with models derived from first-principles
Roland Flender	The role of asymmetry in mid-infrared, few-cycle pulses during terahertz pulse generation
Koichiro Tanaka	Frequency-mixing process in resonant tunneling diode terahertz oscillator
Bhagwat Chouhan	Polarisation insensitive graphene dielectric based tunable terahertz absorption modulator
Yanfeng Li	Ultracompact terahertz plasmonic filter based on multimode interference
Fanqi Meng	Ultrafast switch-off of metamaterial polariton modes in a terahertz photonic crystal cavity
Simon Rossel	Terahertz optical filtering with large area all-metal and polymer-metal meshes
Lucy Hale	Investigating Bi <sub>2</sub> Se <sub>3</sub> plasmons using terahertz near field spectroscopy
Alexander Stroh	Antireflection properties and THz conductivity of ultrathin Bi(111) films
Masayuki Hojo	High-efficiency infrared-light up-conversion detection system with picosecond time gate using repetition-synchronized fiber lasers
Xavier Ramirez Barker	Simple experimental verification for a terahertz finite rate of innovation method

## Poster Session II (Wednesday, 10:45am-)

Folusho Balogun	Untangling ultrafast spectroscopy measurements of two-dimensional metal halide perovskites
Adrian Buchmann Xuefei Ding	Improvements in windowless spectroscopy: 3D printed nozzles Variables affecting accurate THz measurements with compact microfluidic device
Jeremy Johnson	Two-dimensional terahertz spectroscopy of coupling between fundamental excitations in solids
Henrik Lassen Cornelius Mach Bjørn Mølvg	THz nanoscopy of platinum thin film conductivity Lock-In based continuous THz ATR TDS ellipsometry Retrieving graphene electrical conductivity using terahertz cross correlation spectroscopy
Mattias Rasmussen Arvind Singh	Frequency-resolved beam profile of a two-color air-plasma THz source Sub-bandgap photoactivity of MoS <sub>2</sub> monolayer in a graphene-MoS <sub>2</sub> -graphene heterostructure
Pascal Strathkötter Shuntaro Tani Johanna Weidelt	Terahertz Time-Domain Spectroscopy on the topological Insulator Bi <sub>2</sub> Se <sub>3</sub> Mechanism of electromagnetic field emission during laser ablation Conduction properties of poly(ethylene oxide) electrolytes with lithium salts at terahertz frequencies
Wentao Zhang Binbin Zhou	Rigorous modeling of the terahertz emission spectrometer Ultra-broadband, transient THz spectroscopy of two-dimensional single- and multilayer perovskite single crystals
Christian Grebing	Compact 750- $\mu$ J, 75-W, sub-40-fs laser for efficient THz light sources driven by a two-color scheme
Mathias Kristensen Hongyi Lei Anand Nivedan	Terahertz generation through optical rectification in a reflection scheme Efficient intense terahertz pulse generation from laser-foil interaction Enhanced THz emission from single crystals of Bi <sub>2</sub> Te <sub>3</sub> and Bi <sub>2</sub> Se <sub>3</sub> Topological Insulator at Lower Excitation Wavelengths
Pavel Stremoukhov	Strongly nonlinear excitation of antiferromagnetic resonance in high magnetic fields
Dominik Theiner	Tailoring terahertz frequency combs for molecular sensing
Marie Ertl Eleanor Nuttall	Epi-down bonded quantum cascade patch antenna array laser Waveguide integration of a 4.7–5.1-THz quantum cascade laser
Dejan B. Milošević	Above-Threshold Ionization Assisted by a Terahertz Pulse