

**OTST** 2026



# **Optical Terahertz Science and Technology Conference Program**

## **Organizing Committee**

### **Co-chairs:**

Willie J. Padilla, Duke University

M. Hassan Arbab, Stony Brook University

### **Technical Program Committee:**

Michael Johnston, University of Oxford

Hou-Tong Chen, Los Alamos National Laboratory

## Platinum Sponsors



## Gold Sponsors



## Silver Sponsors



## Bronze Sponsors



# record specs.

For scientific applications

## TeraFlash pro

Versatile time-domain  
terahertz platform

- Up to 120 dB peak dynamic range
- > 6 THz bandwidth
- Variable terahertz path length between 15 cm and 110 cm
- “Dual” version for 2 emitter/receiver pairs



learn more...



[www.toptica.com/record-specs](http://www.toptica.com/record-specs)



**LIGHT  
CONVERSION**



[lightcon.com](http://lightcon.com)



Femtosecond Laser Systems  
for Industry and Science



**Empowering breakthroughs in Science, industry, defense, and space.**

Headquartered in Zurich.  
Subsidiaries in Germany, China, and Canada.

	Sunday April 12th	Monday April 13th	Tuesday April 14th	Wednesday April 15th	Thursday April 16th	Friday April 17th
7:30 - 7:45		Registration	Registration	Registration	Registration	Registration
7:45 - 8:00		Registration				
8:00 - 8:15			Keynote (Johnston)	Keynote (Burghoff)	Keynote (Williams)	Keynote (Tanaka)
8:15 - 8:30		Opening Remarks				
8:30 - 8:45		Keynote (Ozcan)	Invited (Cocker)	Invited (Otani)	Invited (Klarskov Hansen)	Invited (Jarrahi)
8:45 - 9:00						
9:00 - 9:15						
9:15 - 9:30		Invited (Rahm)	Invited (Siday)	Invited (Everitt)	Invited (Bandyopadhyay)	Invited (Venkatesh)
9:30 - 9:45						
9:45 - 10:00	Registration	Contributed (Mornhinweg)	Contributed (Glöckl)	Contributed (McGovern)	Contributed (Chimera)	Contributed- (Sreekumar)
10:00 - 10:15						
10:15 - 10:30		Coffee Break (45 min)	Coffee Break	Coffee Break	Coffee Break	Coffee Break
10:30 - 10:45						
10:45 - 11:00	Tutorials in Schiciano A/B					Contributed (Welsch)
11:00 - 11:15	Zhang (11 am - 12 pm)	Keynote (Liu)	Keynote (Taylor)	Keynote (Mittleman)	Keynote (Tonouchi)	Contributed (Potts)
11:15 - 11:30						(Sengupta / Aparajita)
11:30 - 11:45		Contributed (O'hara)	Contributed (Serita)	Contributed (Chevalier)	Contributed (Harris)	Contributed (Neu)
11:45 - 12:00		Contributed (Cleland-Host)	Contributed (Heller)	Contributed (Mutai)	Contributed (Sobolewski)	Closing / awards
12:00 - 12:15	Markelz (12 pm - 1 pm)					
12:15 - 12:30		Lunch	Lunch	Lunch	Lunch	Lunch
12:30 - 12:45						
12:45 - 13:00						
13:00 - 13:15	Lunch					
13:15 - 13:30						
13:30 - 13:45		Keynote (Zhang, X.C.)	Keynote (Hiuk- Son)	Keynote (Saraceno)	Keynote (Sengupta, K.)	Excursion
13:45 - 14:00						
14:00 - 14:15	Neu (2 pm - 3 pm)	Invited (Sensale- Rodriguez)	Invited (Lloyd- Hughes)	Invited (Murate)	Invited (Hernandez)	
14:15 - 14:30		Contributed (Guerboukha)	Contributed (Hale )	Contributed (Adams)	Contributed (David)	
14:30 - 14:45		Contributed (Anghuber)	Contributed (Chen, H.T.)	Contributed (Weißenberger)	Contributed (Berndt)	
14:45 - 15:00						
15:00 - 15:15	Ra'di (3 pm - 4 pm)	Coffee Break (45 min)	Coffee Break	Coffee Break	Coffee Break	
15:15 - 15:30						
15:30 - 15:45						
15:45 - 16:00						
16:00 - 16:15		Invited (Ruggiero)	Invited (Citrin)	Contributed (Nerreter)	Invited (Atakaramians)	
16:15 - 16:30				Contributed (Cross)		
16:30 - 16:45		Contributed (Lee, S.)	Contributed (Zhai)	Contributed (Hayes)		
16:45 - 17:00		Contributed (Keat)	Contributed (Bawna)			
17:00 - 17:15		Contributed (Kneller)	Contributed (Emile)			
17:15 - 17:30						
17:30 - 17:45						
17:45 - 18:00			Poster Session (5:30 to 7 pm)	Conference Banquet (7 to 9:30 pm)		
18:00 - 18:15						
18:15 - 18:30						
18:30 - 18:45						
18:45 - 19:00						

Sunday, April 12, 2026

09:30 AM	Registration
	Student Tutorials (held in Schiciano A/B)
11:00 AM	Tutorial 1: THz Liquid Photonics <i>X.-C. Zhang, University of Rochester, USA</i>
12:00 PM	Tutorial 2: Interpreting anisotropic terahertz microspectroscopy data of protein intramolecular vibrational changes with ligand binding <i>Andrea Markelz, University at Buffalo, USA</i>
1:00 PM – 2:00 PM	Lunch
2:00 PM	Tutorial 3: Optical Pump THz Probe Spectroscopy <i>Jens Neu, University of North Texas, USA</i>
3:00 PM	Tutorial 4: Applications of Metamaterials <i>Younes Ra'di, Syracuse University, USA</i>

Monday, April 13, 2026

07:30 AM	Registration	
08:20 AM – 08:30 AM	Opening Remarks Willie Padilla, Duke University & Hassan Arbab, Stony Brook University	
	<b>Session: Artificial Intelligence and Machine Learning</b> Chair: Willie Padilla, <i>Duke University, USA</i>	
08:30 AM	<b>[Keynote] Programming Diffraction for Terahertz Information Processing</b> Aydogan Ozcan, <i>University of California, Los Angeles, USA</i>	Mo-A1-1
09:15 AM	<b>[Invited] Machine-Learning Assisted Design of Reconfigurable Intelligent Surfaces</b> Marco Rahm, <i>University of Kaiserslautern, Germany</i>	Mo-A1-2
09:45 AM	<b>High-Q Guided-Mode Resonances of Metagratings for Enhanced Terahertz Sensing</b> Joshua Mornhinweg, <i>Harvard University, USA</i>	Mo-A1-3
10:00 AM – 10:45 AM	Coffee Break	
	<b>Session: Quantum and Nonlinear Optics I</b> Chair: Hassan Arbab, <i>Stony Brook University, USA</i>	
10:45 AM	<b>[Keynote] Recent Advances in THz near-field Nanoscopy</b> Mengkun Liu, <i>Stony Brook University, USA</i>	Mo-A2-1
11:30 AM	<b>Effective-Hamiltonian reconstruction through Bloch-wave interferometry in bulk GaAs driven by strong THz fields</b> Seamus O’Hara, <i>University of Pennsylvania, USA</i>	Mo-A2-2
11:45 AM	<b>Time-resolved spectroscopy of ultrafast carrier dynamics at the atomic limit</b> Kaedon Cleland-Host, <i>Michigan State University, USA</i>	Mo-A2-3
12:00 PM – 01:30 PM	Lunch (Provided)	
	<b>Session: Novel Terahertz Photonics Devices and Applications I</b> Chair: Aydogan Ozcan, <i>University of California, Los Angeles, USA</i>	
01:30 PM	<b>[Keynote] Exploration of THz Photonics under Extreme Conditions</b> X.-C. Zhang, <i>University of Rochester, USA</i>	Mo-B1-1
02:15 PM	<b>[Invited] Structured THz light with diffractive optical networks</b> Berardi Sensale-Rodriguez, <i>University of Utah, USA</i>	Mo-B1-2
02:45 PM	<b>Scaled Structured Radar Using a THz Time-Domain Spectrometer</b> Hichem Guerboukha, <i>University of Missouri-Kansas City, USA</i>	Mo-B1-3
03:00 PM	<b>Spacetime near-field imaging and control of THz surface plasmon polaritons in graphene</b> Simon Anglhuber, <i>University of Regensburg, Germany</i>	Mo-B1-4

Monday, April 13, 2026

---

03:15 PM –  
04:00 PM      Coffee Break

---

04:00 PM      Session: **Terahertz Spectroscopy**  
Chair: Mengkun Liu, *Stony Brook University, USA*  
**[Invited] When Vibrations Become Chemistry: Terahertz Phonons Dictate Reactivity in Organic Materials**      Mo-B2-1  
Michael Ruggiero, *University of Rochester, USA*

04:30 PM      **Competing CDW orders in DyTe<sub>3</sub> studied by THz-STM**      Mo-B2-2  
Sheng Lee, *Michigan State University, USA*

04:45 PM      **Be Flexible: Strain-Induced Changes in Optoelectronic Properties of InGaAs**      Mo-B2-3  
Teng Junn Keat, *University of Oxford, UK*

05:00 PM      **Lightwave Engineering of Excitonic States in an Atomically Thin Semiconductor**      Mo-B2-4  
Omer Kneller, *University of Regensburg, Germany*

---

Dinner on your own.

**Tuesday, April 14, 2026**

---

07:30 AM	<b>Registration</b>	
----------	---------------------	--

---

	<b>Session: Terahertz Near-field Optics and Phenomena I</b> Chair: Daniel Mittleman, <i>Brown University, USA</i>	
08:00 AM	<b>[Keynote] THz Spectroscopy of Semiconductors</b> Michael Johnston, <i>University of Oxford, UK</i>	Tu-A1-1
08:45 AM	<b>[Invited] Atomic-scale terahertz time-domain spectroscopy</b> Tyler Cocker, <i>Michigan State University, USA</i>	Tu-A1-2
09:15 AM	<b>[Invited] Subcycle terahertz microscopy: how to reach the smallest spatial scales</b> Tom Siday, <i>University of Birmingham, UK</i>	Tu-A1-3
09:45 AM	<b>Advancing lightwave-driven scanning tunneling microscopy to attosecond resolution</b> Katharina Glöckl, <i>University of Regensburg, USA</i>	Tu-A1-4

---

10:00 AM – 10:45 AM	<b>Coffee Break</b>	
------------------------	---------------------	--

---

	<b>Session: Terahertz Bio-Photonics I</b> Chair: Masayoshi Tonouchi, <i>Okayama University, Japan</i>	
10:45 AM	<b>[Keynote] Utilizing a perturbed Fabry-Perot effect to enhance THz spectroscopy of surface tissue</b> Zachary Taylor, <i>Aalto University, Finland</i>	Tu-A2-1
11:30 AM	<b>Single-cell Terahertz Imaging Using Scanning Point THz Source Microscopy</b> Kazunori Serita, <i>Waseda University, Japan</i>	Tu-A2-2
11:45 PM	<b>Double Debye dielectric function in THz Biophotonics: preventing overfitting under limited bandwidth and dimensionality reduction for AI/ML models</b> Erica Heller, <i>Stony Brook University, USA</i>	Tu-A2-3

---

12:00 PM – 01:30 PM	<b>Lunch (Provided)</b>	
------------------------	-------------------------	--

---

	<b>Session: Novel Terahertz Photonics Devices and Applications II</b> Chair: Zachary Taylor, <i>Aalto University, Finland</i>	
01:30 PM	<b>[Keynote] Diagnosis and treatment of cancer using terahertz radiation</b> Joo-Hiuk Son, <i>University of Seoul, South Korea</i>	Tu-B1-1
02:15 PM	<b>[Invited] Advanced photoconductive THz devices for time-domain spectroscopy, imaging and ellipsometry</b> James Lloyd-Hughes, <i>University of Warwick, UK</i>	Tu-B1-2
02:45 PM	<b>Chiral Multimode Terahertz Deep-Strong Coupling</b> Lucy Hale, <i>ETH, Zurich, USA</i>	Tu-B1-3
03:00 PM	<b>Broadband Terahertz Quarter-Wave Plates</b> Hou-Tong Chen, <i>Los Alamos National Laboratory, USA</i>	Tu-B1-4

---

Tuesday, April 14, 2026

03:15 PM –  
04:00 PM

**Coffee Break**

---

**Session: Non-Destructive Testing I**

Chair: Hou-Tong Chen, *Los Alamos National Laboratory, USA*

04:00 PM **[Invited] Enhanced terahertz nondestructive evaluation of materials** Tu-B2-1

David Citrin, *Georgia Institute of Technology, USA*

04:30 PM **Multi-Scale Attention Residual Network-Driven Terahertz Imaging for Damage Visualization in GFRP Composite** Tu-B2-2

Min Zhai, *Shenzen University, China*

04:45 PM **Weakly Supervised Damage Localization in GFRP Laminates Using Terahertz Imaging and Deep Learning** Tu-B2-3

Niyem Mawenbe Bawana, *Georgia Institute of Technology, USA*

05:00 PM **Terahertz nondestructive mapping of ABF thickness on embedded die in glass substrate** Tu-B2-4

Erwan Emile, *Georgia Tech-CNRS, France*

---

**Poster Session**

05:15 PM –  
07:00 PM **Terahertz Imaging of Cellulose Nano Fiber Composites** P1

Atsushi Nakanishi, *Hamamatsu Photonics K.K., Japan*

**Accurate in situ calibration of THz polarimetry imaging systems using leaky wire grid polarizers** P2

Arash Karimi, *Stony Brook University, USA*

**Single-shot coherent detection of ultrabroadband millijoule-class THz pulses** P3

Alexander Ohrt, *Technical University of Denmark, Denmark*

**Terahertz Spectroscopy Data Augmentation and Efficient VMamba Model for Drug Classification** P4

Nan Zhang, *National University of Singapore, Singapore*

**Lightwave-driven flat bands in a van der Waals crystal** P5

Changhua Bao, *University of Regensburg, Germany*

**3D UV-Lithography-Fabricated Metamaterial Band-Stop Filters for the 1.8-2.7 THz Band** P6

Danil Khaiumov, *University of North Texas, Denton, USA*

**An Ultra-thin and Compact Terahertz Metamaterial Sensor Excited by a Point Terahertz Source** P7

Kazunori Serita, *Waseda University, Japan*

**THz QC-VECSEL with folded cavity for reduced free-spectral-range** P8

Michela Mattia, *University of California, Los Angeles, USA*

**An Enhanced Physics-Aware Generative Adversarial Network for Terahertz Image Super-Resolution Restoration** P9

Min Zhai, *Shenzhen University, China*

**Dielectric Characterization of BNNT-Reinforced PMMA Using Terahertz Time-Domain Spectroscopy** P10

Min Zhai, *Shenzhen University, China*

---

Tuesday, April 14, 2026

<b>Toward high repetition rate terahertz generation using a LiNbO<sub>3</sub> Cherenkov-type optical-to-terahertz converter</b>	P11
Alexandre Fahy, <i>CORIA, France</i>	
<b>Terahertz Spectroscopic study of a (110)- oriented SrRuO<sub>3</sub> thin film grown in (110)- DyScO<sub>3</sub> substrate</b>	P12
Amartya Sengupta, <i>Indian Institute of Technology, Delhi, India</i>	
<b>Gires-Tournois Interferometer-Based Output Coupler Mirrors for Dispersion Compensation in Terahertz Quantum-Cascade VECSELS</b>	P13
Jordane Bloomfield, <i>University of California, Los Angeles, USA</i>	
<b>Optical Feature-Based Identification of Kidney Stones in the THz Regime</b>	P14
Soumyajyoti Mallick, <i>Universite de Lorraine, France</i>	
<b>Terahertz Pulsed Imaging with a Narrow Bandpass Filter</b>	P15
Zeno Chen, <i>Brown University, USA</i>	

---

Dinner on your own.

Wednesday, April 15, 2026

07:30 AM	<b>Registration</b>	
<hr/>		
	<b>Session: THz QCLs and Sensing</b> Chair: Michael Johnston, <i>University of Oxford, UK</i>	
08:00 AM	<b>[Keynote] Nonlinear optics and combs in terahertz quantum cascade lasers</b> David Burghoff, <i>California Institute of Technology, USA</i>	We-A1-1
08:45 AM	<b>[Invited] Development of Terahertz Sensing Components and Applications</b> Chiko Otani, <i>RIKEN, Japan</i>	We-A1-2
09:15 AM	<b>[Invited] QCL-pumped molecular THz lasers</b> Henry Everitt, <i>US Army DEVCOM, USA</i>	We-A1-3
09:45 AM	<b>Flip-chip bonding of THz QC-laser to silicon substrate for improved CW operating temperature</b> Daniel McGovern, <i>University of California, Los Angeles, USA</i>	We-A1-4
<hr/>		
10:00 AM – 10:45 AM	<b>Coffee Break</b>	
<hr/>		
	<b>Session: Terahertz Communications</b> Chair: Willie Padilla, <i>Duke University, USA</i>	
10:45 AM	<b>[Keynote] Terahertz Sensing and Communications in the Near Field</b> Daniel Mittleman, <i>Brown University, USA</i>	We-A2-1
11:30 AM	<b>Widely tunable terahertz molecular laser for wireless communications</b> Paul Chevalier, <i>Harvard University, USA</i>	We-A2-2
11:45 AM	<b>Self-Healing Fidelity of Airy Beams Generated from Distributed Apertures</b> Kevin Mutai, <i>Brown University, USA</i>	We-A2-3
<hr/>		
12:00 PM – 01:30 PM	<b>Lunch (Provided)</b>	
<hr/>		
	<b>Session: Novel Terahertz Photonics Devices and Applications III</b> Chair: Mengkun Liu, <i>Stony Brook University, USA</i>	
01:30 PM	<b>[Keynote] New directions in high average power, ultrafast laser-driven THz sources</b> Clara Saraceno, <i>Ruhr University Bochum, Germany</i>	We-B1-1
02:15 PM	<b>[Invited] Spectroscopic Terahertz Imaging using Parametric Generation and Detection</b> Kosuke Murate, <i>Nagoya University, Japan</i>	We-B1-2
02:45 PM	<b>Terahertz field control of surface topology probed with subatomic resolution</b> Stephanie Adams, <i>Michigan State University, USA</i>	We-B1-3
03:00 PM	<b>Lightwave-driven ballistic spintronics</b> Philipp Weißenberger, <i>University of Regensburg, Germany</i>	We-B1-4

Wednesday, April 15, 2026

---

03:15 PM –  
04:00 PM

**Coffee Break**

---

**Session: Quantum and Nonlinear Optics II**

Chair: Clara Saraceno, *Ruhr University Bochum, Germany*

04:00 PM **Continuous-Wave Multi-THz Microscopy for All-Optical Imaging at the Atomic Scale** We-B2-1

Svenja Nerreter, *University of Regensburg, Germany*

04:15 PM **THz-Driven Symmetry Modulation in MnPS<sub>3</sub>** We-B2-2

Martin Cross, *SLAC National Accelerator Lab, USA*

04:30 PM **Terahertz-Field-Induced Charging and Extreme Tunnel Currents through Single-Atom Defects** We-B2-3

Austin Hayes, *Michigan State University, USA*

---

07:00 PM –  
09:30 PM

**Conference Banquet**

Location: Presidents I, Washington Duke Inn & Golf Club

---

Thursday, April 16, 2026

07:30 AM	<b>Registration</b>	
<hr/>		
	<b>Session: Non-Destructive Testing II</b>	
	Chair: David Citrin, <i>Georgia Institute of Technology, USA</i>	
08:00 AM	<b>[Keynote] Towards quantum-cascade VECSELs as THz spectroscopic sources</b>	Th-A1-1
	Benjamin Williams, <i>University of California, Los Angeles, USA</i>	
08:45 AM	<b>[Invited] Terahertz Time-Domain Spectroscopy for Plastic Classification in Waste Sorting and Recycling</b>	Th-A1-2
	Pernille Klarskov Hansen, <i>Aarhus University, Denmark</i>	
09:15 AM	<b>[Invited] Optical and THz sensing provide objective and sensitive assessment of degradation in marble heritage structure</b>	Th-A1-3
	Aparajita Bandyopadhyay, <i>Indian Institute of Technology, Delhi, India</i>	
09:45 AM	<b>Detecting Presence of Hemp Oil Chemical Treatment in Standard Copier Paper Through Terahertz Time-Domain Spectroscopy</b>	Th-A1-4
	Charles Chimera, <i>University of Rochester, USA</i>	
<hr/>		
10:00 AM – 10:45 AM	<b>Coffee Break</b>	
<hr/>		
	<b>Session: Terahertz Bio-Photonics II</b>	
	Chair: Hassan Arbab, <i>Stony Brook University, USA</i>	
10:45 AM	<b>[Keynote] Scanning Point Terahertz Source for Bio-Applications</b>	Th-A2-1
	Masayoshi Tonouchi, <i>Okayama University, Japan</i>	
11:30 AM	<b>Mapping Corneal Hydration Gradients by Sparse Deconvolution of THz Images</b>	Th-A2-2
	Zachery Harris, <i>Stony Brook University, USA</i>	
11:45 AM	<b>Pulsed Terahertz Imaging of Heterogenous Tumor microenvironment in Murine Pancreatic Ductal Adenocarcinoma</b>	Th-A2-3
	Roman Sobolewski, <i>University of Rochester, USA</i>	
<hr/>		
12:00 PM – 01:30 PM	<b>Lunch (Provided)</b>	
<hr/>		
	<b>Session: Terahertz Optoelectronics I</b>	
	Chair: Benjamin Williams, <i>University of California, Los Angeles, USA</i>	
01:30 PM	<b>[Keynote] Programmable Electromagnetic Surfaces at mmWave/THz for Future Communication and Sensing</b>	Th-B1-1
	Kaushik Sengupta, <i>Princeton University, USA</i>	
02:15 PM	<b>[Invited] Magneto-Terahertz Spectroscopy of Correlated Magnetic Materials</b>	Th-B1-2
	Felix Hernandez, <i>University of São Paulo, Brazil</i>	
02:45 PM	<b>2D THz Field Electron Emission from a Tungsten Nanotip</b>	Th-B1-3
	Laurent David, <i>McGill University, Canada</i>	
03:00 PM	<b>Generation of narrowband THz fields for on-chip nonlinear two-dimensional terahertz spectroscopy</b>	Th-B1-4
	Nadia Berndt, <i>Massachusetts Institute of Technology, USA</i>	

Thursday, April 16, 2026

---

03:15 PM –  
04:00 PM

**Coffee Break**

---

04:00 PM

**Session: Terahertz Waveguides**

Chair: Willie Padilla, *Duke University, USA*

**[Invited] Hybrid Waveguides for Ultra-Wideband Terahertz Beam Engineering**

Th-B2-1

Shaghik Atakaramians, *University of New South Wales, Sydney, Australia*

---

Dinner on your own.

## Friday, April 17, 2026

07:30 AM	<b>Registration</b>	
<hr/>		
	<b>Session: Terahertz Optoelectronics II</b>	
	Chair: Jens Neu, <i>University of North Texas, USA</i>	
08:00 AM	<b>[Keynote] Terahertz Frequency Stabilization using Synthetic FM Triplet via Intensity Modulation</b>	Fr-A1-1
	Koichiro Tanaka, <i>RIKEN, Japan</i>	
08:45 AM	<b>[Invited] Monolithically integrated terahertz optoelectronics enabled by gain-enhanced photomixing in quantum well heterostructures</b>	Fr-A1-2
	Mona Jarrahi, <i>University of California, Los Angeles, USA</i>	
09:15 AM	<b>[Invited] CMOS platforms for Sub-THz wavefront generation and manipulation</b>	FR-A1-3
	Suresh Venkatas, <i>North Carolina State University, USA</i>	
09:45 AM	<b>Carrier dynamics and doping effects in Cu-doped GaAs</b>	Fr-A1-4
	Sneha Sreekumar, <i>University of North Texas, Denton, USA</i> (Cancelled)	
<hr/>		
10:00 AM – 10:45 AM	<b>Coffee Break</b>	
<hr/>		
	<b>Session: Terahertz Generation and Spectroscopy</b>	
	Chair: Koichiro Tanaka, <i>RIKEN, Japan</i>	
10:45 AM	<b>Wavelength-dependent saturation effects in THz generation from DSTMS pumped by Raman-shifted pulses</b>	Fr-A2-1
	Malte Welsch, <i>INRS-EMT, Canada</i>	
11:00 AM	<b>Finite-momentum Cooper plasmons in superconducting terahertz self-cavities</b>	Fr-A2-2
	Alex Potts, <i>Columbia University, USA</i>	
11:15 AM	<b>Raman Spectroscopy and First-Principles Study of DCNP Nonlinear Optical Crystal for Terahertz Generation</b>	Fr-A2-3
	Amartya Sengupta, Aparajita Bandyopadhyay, <i>Indian Institute of Technology, Delhi, India,</i>	
11:30 AM	<b>OPTP of Hole Photoconductive Metal-Organic Frameworks</b>	Fr-A2-4
	Jens Neu, <i>University of North Texas, USA</i>	
11:45 PM	<b>Awards and Closing Ceremony</b>	
	Willie Padilla and Hassan Arbab	
<hr/>		
12:00 PM – 1:30 PM	<b>Lunch (Provided)</b>	
<hr/>		
01:30 PM	<b>Excursions</b>	
<hr/>		