

## 兆赫科技研討會及光電論壇

National Tsing Hua University, Hsinchu, Taiwan, May 07, 2018

Website: <http://www.phys.nthu.edu.tw/~clpanlab/workshops/2018THz/index.htm>



### Workshop Agenda

May 7, Monday	5月7日, 星期一
Venue: Atrium, Physics Building, NTHU	地點: 國立清華大學物理館中庭
09:30 – 10:00	Registration 報到
10:00 – 10:10	Opening Remarks 大會開幕致詞
10:10 – 10:25	<i>Three THz Metadevices: Double-Sided Perfect Absorber, Miniature Surface Plasmon Polariton Amplitude Modulator, and 3D Negative Index Medium</i> Prof. Ta-Jen Yen (Department of Materials Science and Engineering, NTHU)
10:25 – 10:40	<i>Off-Axis THz Parametric Oscillator</i> Prof. Yen-Chieh Huang (Institute of Photonics Technologies, NTHU)
10:40 – 10:55	<i>High-Power and Frequency-Tunable Terahertz Gyrotrons</i> Prof. Tsun-Hsu Chang (Department of Physics, NTHU)
10:55 – 11:10	<i>Recent Experimental Results of Coherent THz Sources Driven by NSRRC High Brightness Photo-Injector</i> Dr. Ming-Chang Chou (National Synchrotron Radiation Research Center)
11:10 – 11:30	Coffee Break 茶敘
11:30 – 11:45	<i>Optical Properties of Cholesteric Liquid Crystal and Application for THz Photonics Therein</i> Prof. Chao-Kuei Lee (Department of Photonics, NSYSU)
11:45 – 12:00	<i>Investigation of Spectral Properties and Lateral Confinement of THz Waves on a Metal-Rod-Array-Based Waveguide and Its Sensing Applications</i> Prof. Ja-Yu Lu (Department of Photonics, NCKU)
12:00 – 12:15	<i>Quantum Light Generation in the THz Regime</i> Prof. Chih-Sung Chuu (Department of Physics, NTHU)
12:15 – 12:30	<i>Advanced Plasmonic Photoconductive Sources for Pulsed and Continuous-Wave Terahertz Generation</i> Prof. Shang-Hua Yang (Institute of Electronic Engineering, NTHU)
12:30 – 12:40	Group Photo Session 與會來賓團體照
12:40 – 13:40	Lunch Break and Poster Session 午餐及壁報欣賞
13:40 – 14:40	<i>THz Aqueous Photonics and Beyond</i> Prof. Xi-Cheng Zhang (Institute of Optics, University of Rochester)
14:40 – 15:00	Discussions and Concluding Remarks 結語與交流討論
15:00 – 16:00	Forum (Refreshments are served) 論壇

