

Earth & Space: from Infrared to Terahertz International Conference 2026 Best Oral Presentation Award

Awarded to:

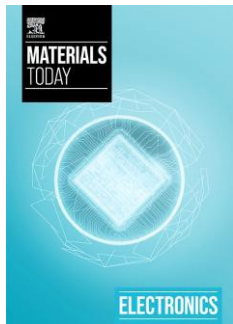
Encapsulation and beyond encapsulation of 2D semiconductors

Guichen Teng

Shanghai Institute of Technical Physics, Chinese Academy of Sciences

Prof. Junhao Chu
Editor-in-Chief, Materials Today Electronics
Conference Chair

Prof. Antoni Rogalski
Conference Chair



Earth & Space: from Infrared to Terahertz International Conference 2026 Best Oral Presentation Award

Awarded to:

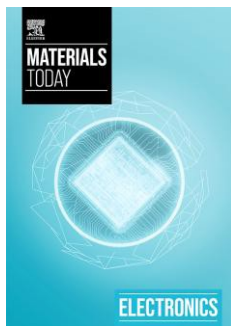
Transient Chirp Dynamics in Terahertz Quantum Cascade Lasers

Xianglong Bi

Shanghai Institute of Microsystem and Information Technology, Chinese Academy of Sciences

Prof. Junhao Chu
Editor-in-Chief, Materials Today Electronics
Conference Chair

Prof. Antoni Rogalski
Conference Chair



Earth & Space: from Infrared to Terahertz International Conference 2026 Best Oral Presentation Award

Awarded to:

Chemometric Analysis of Martian LIBS Data Using Deep Learning and Pretrained-Model-Based
Transfer Learning

Zhicheng Cui

Key Laboratory of Space Active Opto-electronics Technology, Shanghai Institute of Technical
Physics, Chinese Academy of Sciences

Prof. Junhao Chu
Editor-in-Chief, Materials Today Electronics
Conference Chair

Prof. Antoni Rogalski
Conference Chair



Earth & Space: from Infrared to Terahertz International Conference 2026 Best Oral Presentation Award

Awarded to:

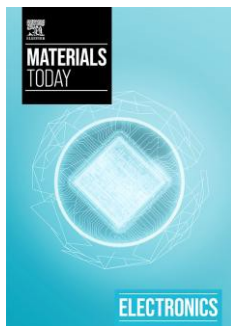
Physics-Informed Coupled Modeling of Spaceborne Infrared Detection of Weak Aerial Targets

Liyuan He

Liyuan He, Shanghai Institute of Technical Physics, Chinese Academy of Sciences

Prof. Junhao Chu
Editor-in-Chief, Materials Today Electronics
Conference Chair

Prof. Antoni Rogalski
Conference Chair



Earth & Space: from Infrared to Terahertz International Conference 2026 Best Oral Presentation Award

Awarded to:

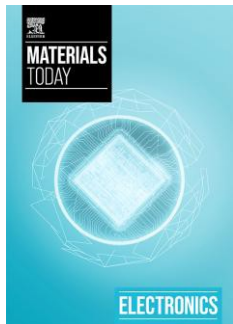
Ferroelectric Reconfigurable Homo Junction Miniaturized Computational Spectrometers for
Dynamic Spectral Sensing

Qianru Zhao

Fudan University

Prof. Junhao Chu
Editor-in-Chief, Materials Today Electronics
Conference Chair

Prof. Antoni Rogalski
Conference Chair



Earth & Space: from Infrared to Terahertz International Conference 2026 Best Oral Presentation Award

Awarded to:

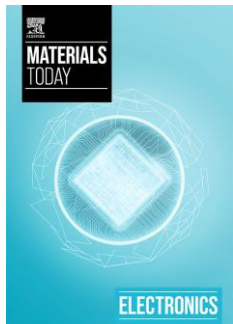
Dual-band Colloidal Quantum Dot Focal Plane Array

Yunxiang Di

Fudan University

Prof. Junhao Chu
Editor-in-Chief, Materials Today Electronics
Conference Chair

Prof. Antoni Rogalski
Conference Chair



Earth & Space: from Infrared to Terahertz International Conference 2026 Best Oral Presentation Award

Awarded to:

Design of a Readout Circuit Chip for Quantum-Dot Infrared Dynamic Vision Sensors

Weiye Tang

Fudan University

Prof. Junhao Chu
Editor-in-Chief, Materials Today Electronics
Conference Chair

Prof. Antoni Rogalski
Conference Chair