



TACT 2023

STUDENT AWARDS



Student Award

Oral Competition



Gold Award

Wei-Lun Hsiao

Fabrication of Anion-Exchangeable Electrodeposited Zn-Al Layered Double Hydroxides (LDHs) Coating on ZX21 Mg Alloy

National Tsing Hua University

Prize :US\$500 and an honored certificate



Silver Award

Pei-Chia Hsu

Enhanced Adhesion Strength between Electroplated Cu and ABF Substrate with Thermal Treatment

Yuan Ze University

Prize :US\$400 and an honored certificate



Bronze Award

Chih-Tieh Wu

Visible-light Disinfection Study of Ag@TiO₂ Against Bacteriophage MS2

National Cheng Kung University

Prize :US\$300 and an honored certificate



Excellence

Krishnakant Tiwari

Probing the impact of high entropy alloy oxide film thickness on the performance improvement of VRFB graphite felt electrodes

National Taiwan University of Science and Technology

Prize : Certificate of Excellence



Excellence

Ami Iwasaki

*Supercritical CO₂-Assisted Ni-P Electroless Plating of PEI 3D
Component*

Tokyo Institute of Technology

Prize : Certificate of Excellence



Excellence

Ryohei Hori

*Evaluation of Cross-Sectional Geometry Effect of Au Polycrystalline
Microcantilever on Bending Strength*

Tokyo Institute of Technology

Prize : Certificate of Excellence



Excellence

Huan Wu

*MIM capacitors featuring low EOT and low leakage current density
by nitrogen-incorporated HfO₂/ZrO₂/HfO₂*

National Tsing Hua University

Prize : Certificate of Excellence



Excellence

Van Dung Nguyen

*Nitrogen doped High entropy Ba(Zr,Ti,Ta,Hf,Mo)O_{3-x}N_x Films
based ZnSnO Thin Films Transistors for UV sensing*

National Cheng Kung University

Prize : RCS US\$150 and Certificate of Excellence