

France-Taiwan Workshop on organic electronic IRP e-Light / Strasbourg Électronique Organique | STELORG

ICS, Strasbourg University, France

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陽明交大
NYCU



e-LIGHT : New Semiconductor Devices for IoT Era
From light-assisted processes for fabrication and integration
to applications in opto-electronics

Hierarchical & Functional Materials for health,
environment & energy | HiFunMat

The **interdisciplinary thematic institutes**
of the University of Strasbourg & **cnrs** & **Inserm**



Prof. Hsiao-Wen Zan

Department of Photonics, National Yang Ming Chiao Tung University, Hsinchu, Taiwan
From light-assisted processes for fabrication and integration of opto-electronic devices to applications in IoT Era

Prof. Hsin-Fei Meng

Institute of Physics, National Yang Ming Chiao Tung University, Hsinchu, Taiwan
Organic semiconductor gas sensor for water quality check and medicine

Prof. Li-Yin Chen

Department of Photonics, National Yang Ming Chiao Tung University, Hsinchu, Taiwan
Enhancing Operational Current in Organic Semiconductor-Based Gas Sensors through Doping Strategy

Prof. Yu-Chiang Chao

Department of Physics, National Taiwan Normal University, Taipei, Taiwan
Properties and spin-optoelectronics based on chiral 2D halide perovskites

Prof. Tsung-Sheng Kao

Department of Photonics, College of Electrical and Computer Engineering, National Yang Ming Chiao Tung University, Hsinchu, Taiwan
Manipulating far-field light localizations and characteristics with planar nanostructure via advanced design strategies

Prof. Tzu-En Lin

Institute of Biomedical Engineering, College of Electrical and Computer Engineering, National Yang Ming Chiao Tung University, Hsinchu, Taiwan
Developments of Flexible Electrodes for Biosensors and Bioelectronics

Dr Gilles Ulrich

ICPEES - University of Strasbourg
Fused BODIPY: versatile red/NIR fluorophores.

Prof Thomas Heiser

iCube - University of Strasbourg
Photovoltaic optical modulators

Dr Anthony Daleo

IPCMS - University of Strasbourg
Design, synthesis and characterization of dyes harvesting triplet excited state for fluorescent devices

Prof. Dominique Berling

IS2M – Université de Haute-Alsace, Mulhouse
Dip-coating to optimise the piezoelectric properties of PVDF-based thin films and composites for potential applications and micro-patterning

