



Prof. Ho-Hsiu Chou 周鶴修

National Tsing Hua University

- Chemical Engineering, Associate Professor
- College of Semiconductor Research, Jointly Appointed Professor
- OCIC, IP & Tech. Transfer Group, Director

- The OLED/PLED Society of Taiwan, President
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Education & Academic experience

National Tsing Hua University_Ph.D. (2010)

Stanford University, USA_Postdoc Fellow (2013-2016)

IMEC, Belgium_Visiting Scholar (2013)

Research Interests

-Advanced functional polymers

-Electronic skin (self-healing materials, recyclable materials, sensors)

- Artificial photosynthesis (water splitting, hydrogen evolution, CO₂ reduction, ammonia synthesis)

Awards

- LCY Outstanding Research Award for Young Professors
- Ta-You Wu Memorial Award
- Outstanding Polymer Technology Award for Young Scientists
- FutureTech Breakthrough Award from NSTC
- Outstanding Research Award for Young Professors (NTHU)
- NSTC Young Scholar Fellowship

Short Biography

Prof. Ho-Hsiu Chou received B.S. in Chemistry in 2005 from National Tsing Hua University, Taiwan, and Ph.D. degree in Chemistry from National Tsing Hua University in 2010 under the supervision of Prof. Chien-Hong Cheng. He worked as a postdoctoral researcher at National Tsing Hua University from 2010-2013, and subsequently joined the Interuniversity Microelectronic Center (IMEC), Belgium as a visiting researcher in 2013. After that, he worked as a postdoctoral researcher in the Chemical Engineering of Stanford University from 2013-2016 under the supervision of Prof. Zhenan Bao. His group focus on the design and synthesis of organic semiconducting materials for the applications in electronic skin and artificial photosynthesis. In 2017, he relocated back to his alma mater, National Tsing Hua University, as an Assistant Professor in the Department of Chemical Engineering, and he was promoted as an Associate Professor in Aug. 2020. Prof. Chou received the Award of LCY Outstanding Research Award for Young Professors (2022), Ta-You Wu Memorial Award (2021), NTHU Outstanding Research Award for Young Professors (2021), Outstanding Polymer Technology Award for Young Scientists (2020), FutureTech Breakthrough Award from NSTC (2020), NTHU CoE Outstanding Teaching Award (2020), NSTC Young Scholar Fellowship (2018).