

## Curriculum Vitae

**Dr. Yen-Ju Cheng (鄭彥如)**



**Title:** Professor

**Affiliation:** Department of Applied Chemistry, National Yang Ming Chiao Tung University

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### EDUCATION

**Bachelor of Science**, September 1995-July 1999, Department of Applied Chemistry, National Chiao Tung University, Taiwan

**Ph.D.**, July 1999-June 2004, Department of Chemistry, National Taiwan University, Taiwan, Advisor: Prof. Tien-Yau Luh

### PROFESSIONAL EXPERIENCE

- Visiting Ph.D Student, Institut für Organische Chemie, Göttingen Universität, Germany, September 2002-November 2002, Advisor: Prof. Armin de Meijere
- Post Doctoral Fellow, Department of Chemistry, National Taiwan University, July 2004-May 2005, Advisor: Prof. Tien-Yau Luh
- Post Doctoral Fellow, Materials Science and Engineering & Chemistry, University of Washington, USA, June 2005-June 2008, Advisor: Prof. Alex K.-Y. Jen
- August 2008-July 2011, Assistant Professor, Department of Applied Chemistry, National Chiao Tung University
- August 2011-July 2014, Associate Professor, Department of Applied Chemistry, National Chiao Tung University
- August 2014, Professor, Department of Applied Chemistry, National Chiao Tung University

### HONORS and AWARDS

- 2011, Young Scholar Outstanding Research Award, College of Science, National Chiao Tung University, Taiwan
- 2012, Outstanding Young Scholar Award for Polymer Research, The Polymer Society, Taipei, Taiwan
- 2012, Outstanding Young Chemist Award, Chemical Society located in Taipei, Taiwan
- 2013, Dr. Ta-You Wu Memorial Award, National Science Council, Taiwan
- 2013, The Golden-Jade fellowship, Kenda Foundation, Taiwan

- 2014, Young Scholar Creative Research Award, the Foundation of the Advancement for Outstanding Scholarship, Taiwan
- 2015, Outstanding Young Scholar Award, Shui-Mu Foundation of Chemistry, National Ting Hua University, Taiwan
- 2015, Academia Sinica Research Award for Junior Research Investigators, Academia Sinica, Taiwan
- 2015, Lectureship Award for Asian and Oceanian Photochemist Sponsored by Eikohsha, Japanese Photochemistry Association, Japan
- 2016, “Distinguished Lectureship Award”, The CSJ Asian International Symposium, The Chemical Society of Japan, Japan
- 2016, “Excellent Teaching Award”, National Chiao Tung University, Taiwan
- 2018, “Research Distinguished Professor Award”, LCY Education Foundation
- 2020, “Excellent Teaching Award”, National Chiao Tung University, Taiwan
- 2022 “Outstanding Research Award of Polymer Science” The Polymer Society, Taipei

### **RESEARCH INTERESTS**

- Transition Metal-Catalyzed Reactions and Methodologies for Synthesizing Conjugated Molecules and Sequence-Controlled Polymers
- Functional Organic and Polymeric Materials for Organic Photovoltaics, Organic Field-Effect Transistors, Thermoelectric Devices, Stretchable Optoelectronics and Photocatalytic Hydrogen Evolution/CO<sub>2</sub> reduction
- Photophysical and Optoelectronic Properties of Novel Aromatic/Antiaromatic Compounds
- Functional Polymers for Industrial Applications

### **ACADEMIC APPOINTMENTS**

- 2019-now, Associate Editor: Journal of Polymer Research (Springer)
- 2018-now, Advisory board: Journal of Materials Chemistry C (RSC)
- 2020-now, Advisory board: Materials Advances (RSC)
- 2021-now, Advisory board: Journal of Chinese Chemistry Society (Wiley)

**PUBLICATIONS** (More than 100 peer-reviewed journal papers and book chapters; total citation = 12019 with H-index of 48)