

台灣科技大學化工系專題演講

Nanotechnology for Solar Energy Conversion and Storage

Prof. Clemens Burda

Professor of Chemistry

Professor of Materials Science and Engineering

Professor of Macromolecular Science and Engineering

Case Western Reserve University

Email: cxb77@case.edu



- 演講時間：May 18, 14:00 ~15:00
- 地點：IB-608
- 主持人：江偉宏教授（whchiang@mail.ntust.edu.tw）

Prof. Burda aims to expand the frontiers of materials science and to provide a deeper understanding of the physical chemistry underlying functional nanomaterials. Active research areas are Photoscience with emphasis on Photomedicine, Materials Science with emphasis on Nanoscience, and Physical Chemistry specializing in Spectroscopy, aiming to develop novel bio- and energy materials. He has published over 180 peer-reviewed publications and H-Index of 82, cited over 33,000 times. Over 100 Invited Seminars given at Conferences, Universities and Industry Sites.

Selected publications: 1. Chemical Reviews 2005, 105 (4), 1025-1102; Journal of the American Chemical Society, 2008, 130 (15), 5018-5019; Angewandte Chemie International Edition, 2022 61 (29), e202204711; Nature Communications, 2022 13 (1), 219; Advanced Materials, 2011 23 (2), 180-197