Keynote Speakers

Anongnat Somwangthanaroj

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Anongnat Somwangthanaroj is a Professor in the Department of Chemical Engineering, Faculty of Engineering, Chulalongkorn University, Thailand. She received her Ph.D. in Macromolecular Science and Engineering from the University of Michigan, Ann Arbor, where she studied the rheology and crystallization of polypropylene/clay nanocomposites. She subsequently worked as a research scientist at the University of Michigan's College of Pharmacy, focusing on cocrystal formation. Her research focuses on polymers, advanced functional materials, electronic packaging, and energy storage, with recent work on polymer-based separators for zinc-based batteries. Her research has also led to practical innovations, including a fresh-produce shelf-life extension bag, which was developed into a spin-off company; adhesive materials for electronic packaging for flexible circuit boards, resulting in two U.S. patents; and CUre Air Sure, a reusable half-face respirator developed during the COVID-19 pandemic and supplied to more than 300 hospitals in Thailand. She served as Associate Dean for Research Affairs, Faculty of Engineering, Chulalongkorn University, for eight years. She has led 39 research projects as PI, with total funding of 72.5 million Baht (GBP 1.65 million), and participated in 18 additional projects totaling 311.1 million Baht (GBP 7.1 million). Her research record includes 74 publications, 150 presentations and proceedings, an H-index of 29, and 2,969 citations (Scopus, accessed July 18, 2026).