

Date/Time: **Tuesday, 17th, March, 2026**

10:30AM – 12:00PM (CET)

6:30PM – 8:00PM (JST)

Zoom Meeting: access from the QR code→



10:30AM – 11:15AM

Prof. KURODA Kouichi

黒田 浩一 教授

Faculty of Molecular Chemistry and Engineering
Kyoto Institute of Technology
京都工芸繊維大学 分子化学系

Title:

Engineering yeast cell factories via synthetic biology for a macroalgae-based bioeconomy

Biography:

Kouichi Kuroda is a professor in the Faculty of Molecular Chemistry and Engineering at Kyoto Institute of Technology (KIT), Japan. His research aims to elucidate the molecular mechanisms underlying complex biological phenomena through systems-level quantitative analysis of biomolecules, toward innovative biotechnologies for sustainable solutions in environment, energy, and food. He received his BSc in Engineering from Kyoto University and subsequently completed his MSc and Ph.D. in Engineering at the Department of Synthetic Chemistry and Biological Chemistry, Graduate School of Engineering, Kyoto University, receiving his Doctor of Engineering degree in 2005. He then joined the Graduate School of Agriculture, Kyoto University, where he served as an Assistant Professor and later Associate Professor in the Division of Applied Life Sciences. Since 2023, he has held his current position at Kyoto Institute of Technology. From 2014 to 2015, he conducted research abroad as a Visiting Researcher in the Department of Chemical Engineering at MIT and at the Whitehead Institute for Biomedical Research, MIT.



11:15AM – 12:00PM

Prof. Claudia Crestini

クラウディア クレスティーニ 教授

Dept. of Molecular Sciences and Nanosystems
Ca' Foscari University of Venice
ベニス大学 カ・フォスカリ校 / 分子科学・ナノシステム 学部

Title:

Unlocking Phenolic Potential: Synergistic Delivery Strategies and the Rise of Smart Materials

Biography:

Claudia Crestini is a Full Professor of Chemistry at Ca' Foscari University of Venice, where she founded and leads the Polyphenols Chemistry & Material Science Laboratory (PPM Lab). Her research sits at the global vanguard of natural polyphenol valorization, bridging fundamental structural characterization with the engineering of innovative nanocapsules, nanofibers, responsive smart materials and synergy-enhanced controlled active release systems. A cornerstone of her career is the translation of molecular science into industrial innovation; she maintains extensive collaborations with multinational companies to drive sustainable development and the circular valorization of renewable materials. An elected Fellow of the Royal Society of Chemistry (FRSC) and the International Academy of Wood Science (IAWS), Professor Crestini has authored over 200 publications and holds 47 patents. Her scientific impact is underscored by an h-index of 65 and over 14,000 citations. Beyond her research, she is a dedicated leader in academic governance, serving as the founder and chair of the PhD school in Sustainable Chemistry at Ca' Foscari. She also contributes her expertise to the global scientific community as an Editor for several leading journals.