

“Frontiers in Science” Seminar

Prof. Pritam Mukhopadhyay

Jawaharlal Nehru University, India

Title : **Stable Organic Radicals and their Multi-state Redox-active Congeners**

Date & Time : February 5, 16:00~17:00

Venue : Science Hall, Sci. Bldg. G101(Sugimoto C.)



Abstract: Organic open-shell/closed-shell redox-active systems are intriguing building blocks for diverse applications. In this lecture, I will discuss on the design, synthesis and stabilization aspects of organic radicals, which our group has been actively working on over the last several years. Next, I will discuss on how these open-shell radicals systems provide access to interesting multi-state redox-active congeners that significantly push the boundary of electrochemical window. Further, I will also deliberate on how these systems can be integrated into supramolecular hosts for energy-based applications.

Contact : Kazunobu Sato

Department of Chemistry
E-mail: sato[at]omu.ac.jp



School of Science /
Graduate School of Science