Luncheon Seminar

Room D for the luncheon seminar **opens at 13:00.**

400 seats are available on a **first-come-first-served basis**.

Sep 2 (Mon) 13:10–13:45 (Room D)

Title: **Development of exposure restraint bench based on risk assessment of hazardous chemical vapor in laboratory**

Takafumi Nishina* (Sanshin Metal Working Co., Ltd.)

Summary: In this seminar, we will introduce the development of new highly functional bench that suppresses the exposure of researchers to hazardous chemical vapor without reducing the efficiency of experiments in laboratory.

Sep 3 (Tue) 13:10–13:45 (Room D)

Title: **Sodium Hypochlorite Pentahydrate (SHC5): Applications for Organic Syntheses**

Tomohide Okada* (Nippon Light Metal Company, Ltd.)

Summary: Sodium hypochlorite pentahydrate ($NaOCl•5H_2O$, $SHC5^{TM}$) is one of the promising oxidants for environmentally benign organic syntheses, overcoming many disadvantages of conventional aqueous solution of sodium hypochlorite.

Sep 5 (Thu) 13:10–13:45 (Room D)

Title: **Nano-structure analysis using neutron scattering techniques**

Kazuhiro Akutsu* (CROSS/J-PARC Center)

Summary: Recently, understanding of the relationship between function and structure has been paid more attention in academic and industrial studies. Neutron scattering techniques have been used to analyze the nano- and/or micro-structures of organic functional materials, and the results have led to several new findings. In this seminar, overview of the J-PARC (Japan Proton Accelerator Research Complex) beamlines, the basic features of neutron scattering, and some of research topics in chemistry will be introduced.