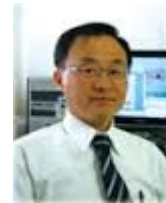




Le Pr. Akira YOSHIASA, University of Kumamoto, Japon, sera présent au laboratoire CRM2 la semaine du 19 juin 2017 et donnera 8h de cours dans la cadre de la mobilité ERASMUS+

Prof. Akira YOSHIASA, University of Kumamoto, Japan, will visit the CRM2 laboratory from 19 June 2017 and will deliver 8-hour lectures in the framework of the ERASMUS+ program.



### **Dates et lieu / Dates and venue**

CRM2, salle de conférences, entrée 3B, 3<sup>ème</sup> étage / entrée 1B, 4<sup>ème</sup> étage  
CRM2 laboratory, seminar room, 3B entry, 3<sup>rd</sup> floor / 1B entry, 4<sup>th</sup> floor

Mardi/**Tuesday** 20 juin/**June** 10h-12h, 14h-16h

Mercredi/**Wednesday** 21 juin/**June** 14h-16h

Jeudi/**Thursday** 22 juin/**June** 14h-16h

### **Programme / Program**

1. Properties of the Earth's materials. Factors determining the structure (lattice, symmetry, coordinate, chemical bonding characters, atomic size)
2. Observation of chemical bonding and local structure by X-ray Absorption Fine Structure Spectroscopy.
3. In-situ structure determination (solid-solution and super ionic conductor) under high-pressure and high-temperature.
4. The frontiers of scientific research and technology in Japan (Synchrotron and neutron radiation shared facilities).
5. Detailed structure and chemical bonding characterization of advanced materials and minerals. Physical constants for materials obtained from Debye-Waller factors