

## CBC SEMINAR ANNOUNCEMENT



**Professor Ryo Takita**  
**RIKEN Center for Sustainable Resource Science**

### Reactions and Molecular Functions Featuring Elements-based Characteristics

We concentrate on the development of reactions and functions featuring elements-based characteristics, in particular, based on main group elements or non-toxic, abundant metal elements. Among our recent research, the development of some borylation reactions and direct hydroxylation/amination of aromatic compounds, and cross-coupling reaction and molecular functions based on monocarba-closo-dodecaborate ([CB11H12]<sup>-</sup>, “C1-carborane anion”) will be discussed.

|               |  |
|---------------|--|
| <b>Date:</b>  | <b>24th February 2017 (Friday)</b>                                     |
| <b>Time:</b>  | <b>11:00am – 12:30pm</b>   |
| <b>Venue:</b> | <b>SPMS Research &amp; Graduate<br/>Studies Office Conference Room</b> |
| <b>Host:</b>  | <b>Professor Shunsuke Chiba</b>  |