

CBC SEMINAR ANNOUNCEMENT



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Exploration of Synthesis and Property of Novel Porphyrinoids

Norcorrole is a ring-contracted antiaromatic porphyrin, which lacks two meso-carbons from regular porphyrins. We have synthesized norcorrole Ni(II) complexes and investigated their properties, which are markedly different from conventional aromatic porphyrins. Recently, we have succeeded to prepare a closely stacked norcorrole dimer structure in solution. The antiaromaticity of the stacked norcorrole dimer was significantly reduced because of the emergence of three-dimensional aromaticity in the stacked antiaromatic π -systems.

Date: 26th June 2019 (Wednesday)
Time: 2.00 pm to 3.30 pm
Venue: SPMS Research & Graduate
Studies Office Conference Room
Host: Professor Chiba Shunsuke