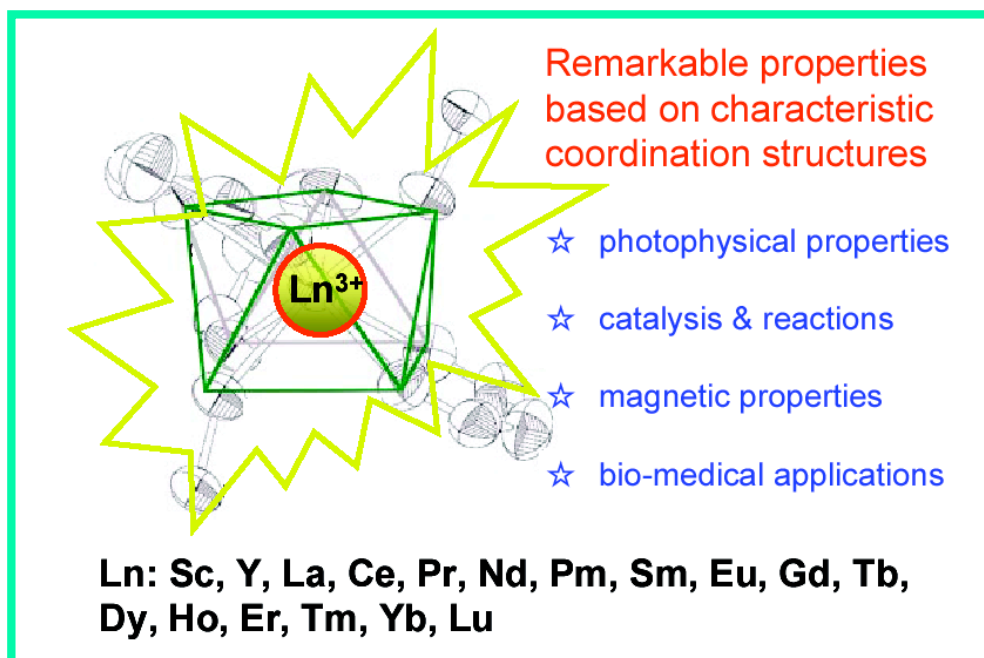


Lanthanide complexes:
Frontier and advanced coordination chemistry



The development of well-organized and functionalized metal complexes is one of the most active areas of advanced science in the 21st century. Especially, lanthanide complexes with remarkable coordination structures have become a focus due to their fundamental properties and applications. The lanthanide complexes are promising materials for display, photonic devices, chemical sensor, catalysts, magnetic materials, and biosensing devices because of their unique photo-, chemical- and magnetic properties.

This special symposium titled “lanthanide complexes: frontier and advanced coordination chemistry” is comprised of four invited talks and a panel discussion. The advanced results of lanthanide coordination chemistry will be presented from the viewpoints of photochemistry, organic synthesis, material science, and biomedical science.