

Mercredi 2 octobre 2019 à 16h00

“Coordination Chemistry of 8-Quinolylphosphines”

Pr Takayoshi Suzuki,
Okayama University, Japan



Auditorium Fernand Gallais,
Campus CNRS 205
205, route de Narbonne, Toulouse



Contact LCC : Dr Eric Manoury,
eric.manoury@lcc-toulouse.fr



Programme complet des séminaires LCC :
<https://www.lcc-toulouse.fr/>
https://twitter.com/LCC_CNRS



Takayoshi Suzuki
Research Institute for
Interdisciplinary Science,
(Faculty of Science)
(Grad. Sch. of Natural
Science and Technology)
Okayama University, Japan

Coordination Chemistry of 8-Quinolylphosphines.

8-Quinolylphosphines are an interesting class of ligands, because they form a planar asymmetrical five-membered chelate ring via coordination through quinoline-N and phosphine-P atoms. The electronic differentiation of the donor groups, in particular their π -bonding natures may stabilize unusual electronic states of their transition-metal complexes. In addition, the steric requirement from the quinolyl moiety often gives severe influence on the properties of their metal complexes. In this seminar, some examples of such complexes, which were prepared in our laboratory and exhibited interesting structural, physical and spectroscopic properties, will be presented.