

Fakultät für Chemie und Pharmazie
Institut für Organische Chemie
Center for Nanosystems Chemistry

Siegfried-Hünig- Vorlesung 2019

„Coordination Self-Assembly:
From the Origins to the Latest Advances“

Julius-Maximilians-

**UNIVERSITÄT
WÜRZBURG**



Makoto Fujita

Prof. Makoto Fujita is professor at the Department of Applied Chemistry of the University of Tokyo. He graduated with a MSc degree from Chiba University in 1982 and earned his PhD degree at the University of Tokyo in 1987. Prof. Fujita held faculty positions at Chiba University and the University of Nagoya before he returned to the University of Tokyo in 2002. His research is dedicated to the utilization of metal ions for the construction of nano-sized discrete organic frameworks. He was the first to report on metallocsupramolecular squares already in 1990. In his subsequent research he advanced the field towards large-sized capsules, tubes and giant polyhedra and applied their porosity to host small molecules such as drugs and natural products for single crystal X-ray analysis (“crystalline sponge method”).

Prof. Fujita’s pioneering research is documented in more than a hundred publications in *Angewandte Chemie* and the *Journal of the American Chemical Society* as well as several letters in *Nature* and *Science*. It was recognized with numerous national and international awards, including the Nagoya Silver Medal (2003), the Izatt-Christensen Award in Macrocyclic and Supramolecular Chemistry (2004) and the Arthur C. Cope Scholar Award from the American Chemical Society (2013). In 2018 he has been awarded the Wolf Prize in Chemistry „for conceiving metal-directed assembly principles leading to large highly porous complexes“.

Kontakt

Prof. Dr. Claudia Höbartner
Institut für Organische Chemie
Am Hubland, D - 97074 Würzburg
Tel. 0931-31-89693
www.chemie.uni-wuerzburg.de/oc

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