Japan-France Bilateral Workshop on MECANO

Date	**October 6th (Thur.), 2016** **9:50-17:15**
Venue	**Icho-Kaikan, Osaka University** **2-2 Yamadaoka, Suita, Osaka 565-0871, Japan**
Chairpersons	**Takashi Hayashi (Osaka Univ., Japan)** **Jean Weiss (Univ. Strasbourg, France)**
Speakers	**Megumi Akai-Kasaya (Osaka Univ., Japan)** **Bernard Boitrel (CNRS-UR1, France)** **Stephane Campidelli (CEA-Saclay, France)** **Bruno Jousselme (CEA-Saclay, France)** **Christophe Kahlfuss (Univ. Strasbourg, France)** **Yoshihiro Kikkawa (AIST, Japan)** **Hiroaki Kitagishi (Doshisha Univ. , Japan)** **Jean Weiss (Univ. Strasbourg, France)** **Hirofumi Harada (Osaka Univ., Japan)** **Nozomu Inoue (Osaka Univ., Japan)** **Ayumi Kamii (Osaka Univ., Japan)** **Yuta Miyazaki (Osaka Univ., Japan)** **Ayumu Ogawa (Osaka Univ., Japan)** **Yuta Tanaka (Osaka Univ., Japan)**
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Organized under the auspices of a project of SICORP, JST, Japan and MECANO, ANR, France

JST

Agence Nationale de la Recherche ANR

大阪大学 OSAKA UNIVERSITY

MECANO Workshop

October 6th, 2016

Meeting Room 3F Icho-Kaikan, Osaka University

from	-	until	speaker	affiliation	title
9:50	-	10:00	Takashi Hayashi	Osaka University	Opening remarks: MECANO project
10:00	-	10:40	Jean Weiss	Université de Strasbourg	Recent advances in phenanthroline strapped porphyrin chemistry
10:40	-	11:00	Christophe Kahlfuss	Université de Strasbourg	Grafting of Phenanthroline-Strapped Porphyrins on MWNTs : synthetic strategy and progression
11:00	-	11:15	Yuta Miyazaki	Osaka University	Tandem active templates in click chemistry: Synthesis of strapped porphyrin rotaxanes
11:15	-	11:30	Hirofumi Harada	Osaka University	Real time visualization of dual domain flip-flop motion in cellobiose dehydrogenase during catalysis
11:30	-	12:00	Yoshihiro Kikkawa	AIST	STM Studies on Molecular Self-Assembly at Solid/Liquid Interface
12:00	-	13:10	Lunch time		
13:10	-	13:40	Bruno Jousselme	CEA-Saclay	Energy Storage and Conversion with Functionalized Carbon Nanotubes materials
13:40	-	14:10	Stephane Campidelli	CEA-Saclay	Carbon Nanotubes Functionalized with Strapped Porphyrins
14:10	-	14:25	Ayumi Kamii	Osaka University	Construction of a Cellobiose Dehydrogenase Attached Single-walled Carbon Nanotube Electrode Covalently Immobilized on an ITO Substrate as a Bioanode
14:25	-	14:40	Nozomu Inoue	Osaka University	Cofactor-specific Covalent Anchoring of Cytochrome b562 on the Conductive Materials by Click Reaction
14:40		15:10	Megumi Akai-Kasaya	Osaka University	Towards neuromorphic device and computing from molecular nanotechnology
15:10	-	15:35	Coffee Break		
15:35	-	16:05	Hiroaki Kitagishi	Dishisha University	The Iron(II) porphyrin-Cyclodextrin Supramolecular Complex as an CO-depleting Agent in the Living Organisms
16:05	-	16:20	Yuta Tanaka	Osaka University	Oxygen Reduction Reaction Activity of a Non-precious Metal Carbon Catalyst Prepared by Pyrolysis of a π-Expanded Iron Salen Complex
16:20	-	16:35	Ayumu Ogawa	Osaka University	Electrocatalytic reduction of CO_2 using a cobalt tetradehydrocorrin complex
16:35	-	17:15	Bernard Boitrel	Universite' de Rennes 1	Compartmentalized vs. Non-Compartmentalized Translocations in Metal Porphyrin Complexes
17:15	-		Akira Onoda	Osaka University	Closing remarks