

# 2017 French - Japanese Seminar on Carbon Materials

October 26-27, 2017, Lyon

Room Fontannes, Darwin Building, Campus de la Doua, Université Claude Bernard Lyon 1

**Organized by:** Société Francophone d'Etude des Carbones, SFEC

**In partnership with:** JSPS 117<sup>th</sup> Committee on Carbon Materials

The Carbon Society of Japan

**Supported by:** SFEC



## Organizing committee

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### **Philippe Azaïs**

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## Scientific Program

08:30 - 09:00		Welcome
09:00 - 09:15	<b>R. Pellenq</b>	Opening remarks
09:15 - 10:05	<b>M. Kawaguchi</b>	Heteroatom-substituted carbon alloys for use in energy storage and conversion systems.
10:05 - 10:35	<b>P. Azais</b>	Potassium-ion hybrid supercapacitor: a new cost-efficient electrochemical system for transports.
10:35 - 11:00		<b>Break</b>
11:00 - 11:30	<b>S. Shiraishi</b>	Excellent durability of seamless activated-carbon electrode for electrochemical capacitors.
11:30 - 12:00	<b>Y. Magnin</b>	SWNT growth modes and selectivity studied by computer simulation & theoretical model.
12:00 - 12:30	<b>T. Kyotani</b>	High pressure hydrogen storage in zeolite-templated carbon.
12:30 - 14:00		<b>Lunch</b>
14:00 - 14:30	<b>K. Oshida</b>	Analysis of three dimensional texture and structure of carbon materials by microscopy and image processing.
14:30 - 15:00	<b>J. Nicolle</b>	Comparison of different carbon phase sensors dedicated to the electrochemical detection of copper in water.
15:00 - 15:30	<b>Y. Soneda</b>	Stress graphitization of spin coating polymer.
15:30 - 15:55		<b>Break</b>
15:55 - 16:25	<b>S. Cahen</b>	Assisted ways for intercalation into graphite.
16:25 - 16:55	<b>J. Ozaki</b>	ORR activity of carbons without metal and nitrogen atoms.
16:55 - 17:25	<b>A. San Miguel</b>	Tunning the structure of porous carbons and nanocarbons with high pressure
17:25 - 17:35		Concluding remarks
17:35 - 17:45		Group photo