



JGP International Workshop



Chem&ChemEn

MIT—Kyoto Univ. Joint Seminar on Nanomaterials

10月4日(火曜日)

場所: 桂キャンパス(A2棟307講義室)

9:20~9:25 Opening remarks

9:25~10:25 Michael Strano (MIT 教授)

Mass and energy manipulation using carbon nanotechnology

10:25~10:50 Daichi Kozawa (MIT Post-Doc, Prof. Strano's team)

Optoelectronic characterization of 2D materials

10:50~11:00 break

11:00~11:25 Anton Cottrill (MIT Graduate student, , Prof. Strano's team)

Electrical energy generation via transient chemical doping on carbon nanotube fibers

11:25~11:50 Michael Lee (MIT Graduate student, , Prof. Strano's team)

Corona phase molecular recognition: New generation of real-time biomarker monitoring *in vivo*

11:50~13:30 Lunch break

13:30~14:00 坂口浩司(京大、エネルギー理工学研究所 教授)

Conformation-controlled selective growth of carbon nanoribbons

14:00~14:30 Franklin Kim (京大、iCeMS 特定拠点准教授)

Construction of porous nanostructures via diffusion-driven layer-by-layer assembly

14:30~15:00 田中秀樹(京大、工学研究科 准教授)

Hydrogen isotope separation by carbonaceous materials

15:00~16:00 研究室見学(田門研、宮原研)

16:00~16:30 佐野紀彰(京大、工学研究科 准教授)

Experiment to realize air-breathing thermopower wave in packed-bed carbon and introduction of some nanocarbon studies

16:30~17:00 村上達也(富山県立大学 教授)

Biomaterials for drug delivery and cell engineering



**Michael S. Strano, Carbon P. Dubbs Professor
Department of Chemical Engineering
Massachusetts Institute of Technology**

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