

Mini-Workshop on Thermal and Charge Transport across Flexible Nano-Interfaces (TCTFN2020)

Date: 1st of Dec. 9:00~12:30\*

\* time in tokyo, 8:00~11:30 in Shingapore

Online Style: ZOOM Webiner

Registration: [https://zoom.us/webinar/register/WN\\_Kt8V2Q8eOgGhGVZiPcm65g](https://zoom.us/webinar/register/WN_Kt8V2Q8eOgGhGVZiPcm65g)

Schedule			Title	Presenter	Institute	Chair
9:00	9:05	Opening		Takashi Hotta	Tokyo Metropolitan Univ.	Yanagi
9:05	9:45	Keynote lecture	Controlling thermal transport of system with interfaces	Junichiro Shiomi	Univ. Tokyo	Yanagi
9:45	10:00	Invited 1	Anisotropic thermal conductivity of bundled carbon nanotubes	Hironu Hamasaki	Univ. Osaka	Miyazaki
10:00	10:15	Invited2	In situ Time-domain Thermoreflectance Study on the Thermal Conductivity of Flexible Transistor with Ionic Gel	Kan Ueji	Tokyo Metropolitan Univ.	Miyazaki
10:15	10:30	Invited 3	Transport and thermoelectric properties in conducting polymer thin films: effect of domain boundaries	Hisaaki Tanaka	Nagoya Univ.	Miyazaki
10:30	10:45	Coffee break				
10:45	11:00	Invited 4	Axis-dependent carrier polarity in NaSn <sub>2</sub> As <sub>2</sub>	Yosuke Goto	Tokyo Metropolitan Univ.	Yanagi
11:00	11:15	Invited 5	Design of molecular assemblies with high orientational order and their heat-transport properties.	Ryosuke Takehara	Tokyo Institute of Technology	Yagi
11:15	11:30	Invited 6	Thickness measurement of an air layer on a nanostructured superhydrophobic surface by the 3-omega method	Yihang Jiao	Kyushu Institute of Technology	Yagi
11:30 (*10:30)	12:10 (*11:10)	Special lecture	The physics of charge scattering in organic-inorganic hybrid materials and optimizing thermoelectric composites via machine learning and high-throughput experiments.	Kedar Hippalgaonkar	Nanyang Technological University	Miyazaki
12:10	12:15	Closing		Kazuhiro Yanagi	Tokyo Metropolitan Univ.	

\* Time in Shingapore

Organizer: Kazuhiro Yanagi (Tokyo Metropolitan Univ.) Koji Miyazaki (Kyushu Institute of Technology), Takashi Yagi (AIST)

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