

J-FAST 2nd year workshop – Commemorating 50th Anniversary of Univ. Tsukuba

“Advanced Materials –Science and Engineering for Social Challenges”

Date & time : September 27th (Wed), 2023, 14:00-18:30 (Japan time), 7:00~11:30 (French time)

Style: Hybrid Onsite (Univ. Tsukuba) & Online (Zoom)

Place: Laboratory of Advanced Research B, Room B112, Tsukuba campus

Program

13:30~14:00	Welcome coffee/tea	
14:00~14:15	Opening Hervé Courtois (UGA, Vice President)	
14:15~14:45	Christophe Valleé (SUNY Albany)	Area selective deposition on EUV resist
14:45~15:15	Aboulayer Traoré (U Tsukuba)	Electrical properties of gallium oxide devices
15:15~15:30	Break	
15:30~15:55	Phillipe Ferrandis (CNRS)	Deep levels study in a diamond Schottky barrier diode using a metallic doped layer for hole injection (<i>online</i>)
15:55~16:20	Julien Pernot (CNRS)	Extreme carrier mobilities in single crystal diamond (<i>online</i>)
16:20~16:45	Cedric Mannequin (CNRS)	Reactive ion etching and atomic layer etching at the Institut des Matériaux de Nantes Jean Rouxel (<i>online</i>)
16:45~17:10	Nathanaelle Schneider (CNRS)	Atom-level controlled functional materials by ALD for perovskite solar cells (<i>online</i>)
17:10~17:25	Break	
17:25~17:55	Hironori Okumura (U Tsukuba)	Growth and electrical property of α -(Al,Ga) ₂ O ₃
17:55~18:25	Etienne Gheeraert (UGA & U Tsukuba)	Highly efficient electrical energy conversion with diamond power devices
18:25~18:30	Closing Yasuteru Shigeta (U Tsukuba, Vice President)	

* Time in France: –7 hours

Online connection

For the information of online connection, please contact to S. Kuroda (kuroda@ims.tsukuba.ac.jp).