

A final schedule of the “Asian Workshop on Laboratory Development for Smart Electronics” during September 12, 2024

Date	Time	Activity
September 12, 2024 (Workshop @ Suttabongkoch Meeting Room, 2 nd floor, Building 11)	08.00 – 08.50	- Registration
	08.50 – 09.00	- Opening Remarks (Prof. Dr. Tosawat Seetawan; Vice of President of SNRU) Chair: Dr.Nathchar Naowarojna
	09.00 – 09.45	- Keynote Speaker I Topic: Smart Plasma Technology for Sustainble Society By: Prof. Dr. Jeon Geon Han (Korea) Chair: Assoc. Prof. Dr.Athorn Vora-ud
	09.45 – 10.30	- Keynote Speaker II Topic: Thin film of binary and ternary semiconductor compounds for electrochemical devices By: Assoc. Prof. Dr.Auttasit Tubtintae (Thai) Chair: Assoc. Prof. Dr.Athorn Vora-ud
	10.30 – 10.45	- Coffee break
	10.45 – 11.30	- Keynote Speaker III Topic: Overview on thin film research laboratory for supporting smart electronic materials By: Assoc. Prof. Dr.Athorn Vora-ud (Thai) Chair: Dr.Nathchar Naowarojna
	11.30 – 12.00	- Contributed Talk I Topic: Investigated of MoS ₂ flexible thin film as prepared by RF magnetron sputtering for photothermoelectric applications By: Miss Irasani Rahayu (Indonesia) Chair: Dr.Nathchar Naowarojna
	11.15 – 12.00	- Contributed Talk II Topic: Investigation on thermoelectric properties of SnSe thin films as prepared by RF magnetron sputtering By: Miss Mekala Insawang (Thai) Chair: Dr.Nathchar Naowarojna
	12.00 – 13.00	Lauance
	13.00 – 13.45	- Keynote Speaker IV Topic: Smart electronics application as applicable in indonesia. Case: Development at ITS By: Prof. Dr. Melania Suweni Muntini (Indonesia) Chair: Asst. Prof. Dr.Hassakorn Wattanasarn
	13.45 – 14.30	- Keynote Speaker V Topic: Interdigital sensors progress over the last two decades and interdigitated sensors applications By: Assoc. Prof. Dr.Sarawoot Boonkirdram (Thai) Chair: Asst. Prof. Dr.Hassakorn Wattanasarn
	14.30 – 14.45	- Contributed Talk III Topic: Thermoelectric module fabrication for smart electronic devices By: Dr.Kunchit Singsoog (Thai) Chair: Asst. Prof. Dr.Hassakorn Wattanasarn
	14.45 – 15.00	- Coffee break

	15.00 – 15.15	- Contributed Talk IV Topic: Next-generation batteries: research and development in flexible semi-solid battery By: Dr.Supasit Peangson (Thai) Chair: Dr.Wittawat Pohnarn
	15.15 – 15.30	- Contributed Talk V Topic: Topic: Flexible thin film Thermoelectrics of SnSe prepared by RF magnetron sputtering By: Miss Nurul Faridah (Indonesia) Chair: Dr.Wittawat Pohnarn
	15.30 – 15.45	- Contributed Talk VI Topic: N-type thermoelectric properties of Pd-Bi ₂ Te ₃ thin films on SiO ₂ and post-annealing effects By: Mr.Khunnapat Sriporaya (Thai) Chair: Dr.Wittawat Pohnarn
	15.45 – 16.00	- Closing Remarks (Prof. Dr. Tosawat Seetawan; Vice of President of SNRU) Chair: Dr.Nathchar Naowarojna
	16.00 – 19.00	- Relaxation, hotel and Dinner
September 13, 2024 (Workshop @ RID meeting room, 2 nd floor, Research Building)	08.30 – 09.00	- Registration (USP committee section)
	09.00 – 09.30	- Welcome talk and Introduce of SNRU-University Science Park (Snru-USP) (Asst. Prof. Dr. Kongphop Chaarmart; Vice of President of SNRU)
	09.30 – 12.00	- Smart Plasma Laboratory Development Workshop for SNRU-University Science Park (part II) By: 1) Prof. Dr. Jeon Geon Han 2) Prof. Dr. Melania Suweni Muntini 3) Assoc. Prof. Dr.Auttasit Tubtimtae
	12.00 – 13.30	- Lunch
	13.30 – 16.00	- Smart Plasma Laboratory Development Workshop for SNRU-University Science Park (part II) By: 1) Prof. Dr. Jeon Geon Han 2) Prof. Dr. Melania Suweni Muntini 3) Assoc. Prof. Dr.Auttasit Tubtimtae
	16.00 – 16.30	- Closing Remarks (Asst. Prof. Dr.Kongphop Chaarmart)
	16.30 – 19.00	- Relaxation, hotel and Dinner