




Program


Collaborative Meeting between Thailand and Korea






Thursday 20 May 2021

08.00-14.10 hrs. (Thailand Time), 10.00-16.10 hrs. (Korean Time)


CISCO WebEx Meeting

Thailand Time	Korean Time	Program	Participants
07.30 – 08.00	09.30 – 10.00	Technical start of the meeting (test-run of virtual tool)	
08.00 – 09.00	10.00 – 11.00	<p>“Executive Meeting”</p> <p> Welcome Remarks</p> <p>by Prof. Pairash Thajchayapong, Secretary-General of the Information Technology Foundation under the Initiative of Her Royal Highness Princess Maha Chakri Sirindhorn and Chairman of the Executive Board of NANOTEC</p> <p> Greeting</p> <p>by Prof. Ji Beom Yoo, Director of NCRC and Former Executive Vice President of SKKU</p> <p> NANOTEC-SKKU Collaboration: Post-doc, Graduate students and research collaboration</p> <p><i>Objective: To continue the collaboration in nanotechnology between Thailand and Korea under H.R.H. Princess Maha Chakri Sirindhorn initiative.</i></p> <p><u>Topic of possible collaboration</u></p> <p>1. Ph.D. Scholarship</p> <p>Aim: To strengthen existing relationship between SKKU supervisor and SKKU Alumni</p> <p>1.1 Ph.D. scholarship by Royal Thai government scholarship under joint supervision of SKKU Alumni</p> <p>2. People-to-people mobility</p> <p>Aim: Opportunity for research collaborations and grants opportunity</p> <p>3. Research Collaboration</p> <p>Aim: To promote more areas of research collaborations</p> <p>3.1 Research fields for collaboration</p> <ul style="list-style-type: none"> • Nano-energy • Nano-bio/medical • Quantum Information • QLED • Supercapacitor • Graphene • 3-dimensional printing technologies <p>4. Annual Workshop</p>	<p><u>SKKU Executives:</u></p> <ol style="list-style-type: none"> 1. Prof. Sungjoo Lee, Deputy Director of SKKU Advanced Institute of Nano Technology (SAINT), SKKU 2. Prof. Ji Beom Yoo, Director of NCRC and Former Executive Vice President of SKKU 3. Assoc. Prof. Young Jae Song, Assistant Professor at SAINT 4. Assoc. Prof. Euyheon Hwang, Department Chair of NanoEngineering and Director of Quantum Information Center, SAINT <p><u>NSTDA Executives:</u></p> <ol style="list-style-type: none"> 5. Prof. Pairash Thajchayapong, Secretary-General of the Information Technology Foundation under the Initiative of Her Royal Highness Princess Maha Chakri Sirindhorn and Chairman of the Executive Board of NANOTEC 6. Dr. Chadamas Thuvasethakul, Executive Vice President, Science and Technology Human Resources Development, NSTDA 6. Dr. Wannee Chinsirikul, Executive Director of NANOTEC, NSTDA 7. Dr. Pavadee Aungkavattana, Deputy Executive Director of NANOTEC, NSTDA

		<p>Aim: To follow up the progress of collaboration and strengthen relationships</p> <p>4.1 Host alternately in each institution</p>	8. Asst. Prof. Tanakorn Osotchan, Deputy Executive Director of NANOTEC, NSTDA
09.00 – 09.20	11.00 – 11.20	<p>“Opening Remarks”</p>  <p>Dr. Wannee Chinsirikul, Executive Director of NANOTEC</p> <p>Email: wannee@nanotec.or.th</p>  <p>Prof. Sungjoo Lee, Deputy Director of SKKU Advanced Institute of Nano Technology (SAINT), SKKU</p> <p>Email: leesj@skku.edu</p>	<p>1. Dr. Wannee Chinsirikul</p> <p>2. All speakers</p> <p>3. All participants</p>
09.20 – 09.35	11.20 – 11.35	<p>“Graphitic Hexagonal Carbon Materials for Device Applications”</p>  <p>Assoc. Prof. Dr. Young Jae Song, SKKU Advanced Institute of Nano Technology (SAINT), SKKU</p> <p>Email: yjsong@skku.edu</p>	All speakers and participants
09.35 – 09.50	11.35 – 11.50	<p>“Functional Carbon-Based Nanomaterials for Energy Devices and Sensor Applications”</p>  <p>Assoc. Prof. Dr. Winadda Wongwiriyan, Carbon Nanomaterials Research Laboratory, College of Nanotechnology, King Mongkut's Institute of Technology Ladkrabang (KMITL)</p> <p>Email: winadda.wo@kmitl.ac.th</p>	All speakers and participants
09.50 – 10.05	11.50 – 12.05	<p>“Sustainable Kinetic Energy Harvesting Technologies with Nanotextured Fibers”</p> <p>Asst. Prof. Seongpil An, SKKU Advanced Institute of Nano Technology (SAINT), SKKU</p>  <p>Email: esan@skku.edu</p>	All speakers and participants

10.05 – 10.20	12.05 – 12.20	“Shape Memory and Self-healing Polymers from Polybenzoxazine”  Dr. Lunjakorn Amornkitbamrung, Postdoctoral Researcher, Department of Chemical Engineering, Chulalongkorn University Email: a.lunjakorn@gmail.com	All speakers and participants
10.20 – 10.35	12.20 – 12.35	“Nanotextured Fiber”  Dr. Autchara Pangon, Team Leader and Researcher, Nanofunctional Fiber Research Team, Nanohybrids and Coating Research Group, NANOTEC Email: autchara@nanotec.or.th	
10.35 – 10.50	12.35 – 12.50	“Defect Engineering for Stable and Efficient Perovskite Solar Cells” Prof. Jin Wook Lee, SKKU Advanced Institute of Nano Technology (SAINT), SKKU  Email: jw.lee@skku.edu	All speakers and participants
10.50 -11.05	12.50 – 13.05	“Organic-Inorganic Heterojunction Devices for Sensor Applications”  Asst. Prof. Dr. Rawat Jaisutti, Department of Physics, Faculty of Science and Technology, Thammasat University Email: jrawat@tu.ac.th	All speakers and participants
11.05 - 11.20	13.05 – 13.20	“Perovskite Solar Cells”  Dr. Pisist Kumnorkaew, Team Leader and Researcher, Innovative Nanocoating Research Team, Nanohybrids and Coating Research Group, NANOTEC Email: pisist@nanotec.or.th	
11.20 – 12.30	13.20 – 14.30	Lunch/ Break Time	
12.30 – 12.45	14.30 – 14.45	“Engineering Ion Trap to Build a Practical Quantum Computer”	All speakers and participants

		 <p>Prof. Jun Ki Kim, Advanced Institute of Nano Technology (SAINT), SKKU Email: junki.kim.q@skku.edu</p>	
12.45 – 13.00	14.45 – 15.00	<p>“.....”</p>  <p>Asst. Prof. Viyada Harnchana, Materials Science and Nanotechnology Program, Department of Physics, Faculty of Science, Khon Kaen University Email: viyada@kku.ac.th</p>	All speakers and participants
13.00 – 13.15	15.00 – 15.15	<p>“Colloidal Quantum Dots for Light Emitting Applications” Prof. Wanki Bae, SKKU Advanced Institute of Nano Technology (SAINT), SKKU</p>  <p>Email: wkbae@skku.edu</p>	All speakers and participants
13.15 – 13.30	15.15 – 15.30	<p>“Biomass-derived renewable activated carbon for energy storage devices”</p>  <p>Dr. Chalathorn Chanthad, Researcher, Nanocatalysis and Molecular Simulation Research Group, National Nanotechnology Center (NANOTEC) Email: chalathorn@nanotec.or.th</p>	All speakers and participants
13.30 – 13.45	15.30 – 15.45	<p>“Radioactive Waste Management”</p>  <p>Dr. Sudarat Issarapanacheewin, Nuclear Scientist, Radioactive Waste Management Center, Thailand Institute of Nuclear Technology (Public Organization) Email: sudarat@tint.or.th</p>	All speakers and participants
13.45 – 14.00	15.45 – 16.00	<p>“Radioactive Waste Management: Radioactive Liquid Waste Treatment”</p>	All speakers and participants

		 <p>Dr. Umaporn Lamdab, Nuclear Scientist, Radioactive Waste Management Center, Thailand Institute of Nuclear Technology (Public Organization) Email: aoy.umapornn@gmail.com</p>	
14.00 – 14.10	16.00 – 16.10	<p>Closing Remarks by Dr. Pavadee Aungkavattana, Deputy Executive Director of NANOTEC</p>	<ol style="list-style-type: none"> 1. Dr. Pavadee Aungkavattana 2. All speakers and participants