

UK - Thailand Seminar on Sensors for Health and Environment

Friday 26 November 2021

08.00-12.45 hrs. (UK Time)

15.00-19.45 hrs. (Thailand Time)

Via Zoom meeting (link will be provided to registered candidates)

UK Time (GMT+0)	Thailand Time (GMT+7)	Program
MC: Miss Kiatnida Treerattrakoon, NANOTEC, THAILAND Chairperson (Q&A): Dr. Deanpen Japrunng and Dr. Ruchi Gupta		
08.00 – 08.15	15.00 – 15.15	Welcome Remarks  Dr. Wannee Chinsirikul Executive Director National Nanotechnology Center (NANOTEC), THAILAND
08.15 - 08.30	15.15 – 15.30	Overview of Sensors Research at University of Birmingham  Prof. Tim Albrecht Director of Research and Knowledge Transfer, School of Chemistry, University of Birmingham, UK Email: t.albrecht@bham.ac.uk
08.30 – 09.00	15.30 – 16.00	Keynote speaker  “Raman and SERS based Sensing of Biomolecules” Prof. Duncan Graham Head of Department and Research Chair of Chemistry, Department of Pure and Applied Chemistry, University of Strathclyde & Director of the Centre for Molecular Nanometrology, UK Email: duncan.graham@strath.ac.uk
09.00 – 09.25	16.00 – 16.25	 “Future Diagnostics: Challenges and Opportunities” Prof. Katrina Campbell Queen’s University Belfast, UK

		Email: katrina.campbell@qub.ac.uk
09.25 – 09.50	16.25 – 16.50	 “Development of Sensor for Metal/Heavy Metal and Pesticide Detections: from Lab to Field-portable Sensor” Dr. Weerakanya Maneeprakorn National Nanotechnology Center (NANOTEC), THAILAND Email: Weerakanya@nanotec.or.th
09.50 – 10.15	16.50 – 17.15	 “Artificial Olfaction and its Applications to Medical Diagnostics” Prof. James Covington University of Warwick, UK Email: J.A.Covington@warwick.ac.uk
10.15 – 10.40	17.15 – 17.40	 “Implementation of Sustainable Development Goals through Monitoring of Toxic Heavy Metals by Novel Sensors” Prof. Nantanit Wanichacheva Silpakorn University, THAILAND Email: wanichacheva_n@su.ac.th
10.40 – 10.50	17.40 – 17.50	Break Time
10.50 – 11.15	17.50 – 18.15	 “Miniaturised Analytical Platforms for Decentralised Health and Environmental Sensing” Dr. Ali Salehi-Reyhani Imperial College London, UK Email: ali.salehi-reyhani@imperial.ac.uk
11.15 – 11.40	18.15 – 18.40	 “Carbon Composite Nanomaterials-based Electrochemical Sensors for Pesticide Detection” Assoc. Prof. Anchalee Samphao Ubon Ratchathani University, THAILAND Email: anchalee.s@ubu.ac.th

11.40 – 12.05	18.40 – 19.05	 “Water Quality Monitoring with Sustainable and Low-cost Electrochemical Technologies” Dr. Mirella Di Lorenzo University of Bath, UK Email: M.di.Lorenzo@bath.ac.uk
12.05 – 12.30	19.05 – 19.30	 “High Resolution and Accurate Mass Spectrometry Analyzing Complex Dissolved Organic Matter in Water Treatment” Asst. Prof. Phanwatt Phungsai Khon Kaen University, THAILAND Email: phanphu@kku.ac.th
12.30 – 12.45	19.30 – 19.45	Wrap-up and Closing Remarks Dr. Deanpen Japrungrung and Dr. Ruchi Gupta