



Activity News

ICT Mahidol together with Tokyo City University organized an online activity, “Sakura Science Exchange Program”



On 9 March 2022 – Dr. Pattanasak Mongkolwat, Dean of the Faculty of Information and Communication Technology, Mahidol University (ICT Mahidol), together with Prof. Dr. Akira Taguchi, Dean of Graduate School of Integrative Science and Engineering, Tokyo City University (TCU), Japan, Mr. Koji Ota, Associate Director of International Centre, Asst. Prof. Dr. Sukanya Phongsuphap, Deputy Dean for Strategy & Quality Assurance, Dr. Pawitra Liamruk Deputy Dean for Academic Administration and Acting Deputy Dean for Organizational Communication and Engagement, Assoc. Prof. Dr. Vasaka Visoottiviset, instructor, Faculty of ICT, Mahidol University, organized an online activity, “Sakura Science Exchange Program” for 174 students from both sides via Zoom Meetings.

Tokyo City University and Mahidol University, two distinguished and renowned research universities, have collaborated under a Memorandum of Understanding and Student Exchange Agreement since 2020. This was to formalize and symbolize the commitment for the collaboration between the two institutions. However, due to the Coronavirus 2019 pandemic, the exchange activity had to be postponed. Both institutions, therefore organized this symposium to create cooperation and strengthen the good relationship between the two institutions by serving as a



platform for students to exchange knowledge in science and technology. During the event, four students from Tokyo City University, and four groups of students from ICT Mahidol presented their research findings, as detailed below:

Research of ICT Mahidol students:

- “ Mirai Virtual Wallet” by Miss Natthaporn Kobkulkalyakorn, Mr. Phumrapee Limpianchop, and Mr. Trin Nuchcharoen, 4th year students, under supervision of Dr. Thanapon Noraset
- “ ESIT: Ergonomic Sitting Posture Monitoring System Using Computer Vision Techniques” by Miss Jirachaya Wongsuppakarn, Miss Wipada Kaewthong, and Mr. Soksedtha Ly, 4th year students, under supervision of Dr. Thanapon Noraset
- “DHF and Day Zero Prediction In Children With Suspected Dengue” by Miss Ananya Pinedo Bello, Mr. Chotivit Pitipanjaphaiboon, and Mr. Nattapong Songsaksri, 4th year students, under supervision of Professor Dr. Peter Fereed Haddawy
- “ MOSQUIOTO: An IoT Embedded Deep Learning-Based Mosquito Species and Sexes Classifier” by Miss Kanrawee Chiamsakul, Mr. Worameth Siritanakorn, and Mr. Tharit Chantanalertvilai, 4th year students, under supervision of Professor Dr. Peter Fereed Haddawy

Research of Tokyo City University students:

- “ARQ protocol for broadcast channel with reducing time until acceptance” by Mr. Viet Hung Nguyen
- “A Study on Reduction of VR Sickness with Rotation Vection” by Mr. Nakamura Kouki
- “Development of the Detection System Based on Support Vector Machine for Shockable ECGs” by Mr. Shonosuke Akimoto
- “Data-dependent histogram equalization with variable enhancement degree” by Mr. Ryusei Takezono

Source: <https://www.ict.mahidol.ac.th/ict-mahidol-together-with-tokyo-city-university-organized-an-online-activity-sakura-science-exchange-program/>