

PROGRAMME
13th HCU National and International Conference
Theme: *Research to Serve Society*
24th July 2026
Huachiew Chalermprakiet University
Bangphli District, Samutprakarn
Thailand

Parallel Session 10 : Inter - Science and Technology
Venue : Room 403 Floor 4 Building A
Moderator : Assoc.Prof.Dr.Bangon Changsap / Dr.Sila Temsiririrkkul
Coordinator : Miss Chonnita Buddeeme

Time	Title	Presenter
13.00 - 13.15	1. Enhanced phosphate removal using chemically activated eggshell derived CaO	Punnawat Pengthong, Chitawan Daolert, Kornkanok Srisarat, Chanokchon Anukul, Sakdinun Nuntang (Monfort College)
13.15 - 13.30	2. Synthesis of amine functionalized rice husk silica for enhanced purification of anthocyanins from butterfly pea (<i>Clitoria ternatea</i>)	Ponpomkwan Chanhom, Natcha Vanichchagorn, Natthanai kosaiyakanont, Tummatida Kittitirapong, Nichaphat Chansai, Sakdinun Nuntang (Chiang Mai U)
13.30 - 13.45	3. Real-Time Single-Phase Generator Fault and Protection System	Cyrus Y. Bigcas (STI WNU)
13.45 - 14.00	4. Valorization of Waste Mango Leaves into Sustainable Bio-sorbents for Removal of Malachite Green Dye from Aqueous Solutions	Payuporn Pramuanusuk, Ratiwun Suwattanamala, Akapong Suwattanamala (Burapha U)
14.00 - 14.15	5. AI-ACT Development of an AI-Driven Aviation Communication Trainer for WCC ATC Binalonan	Hazel Mae C. Labador, Tatiana Trisha T. Francisco, Jhon Clarence Kabigting,

		Adrian John A. Gonzales, Clark John Moore R. Tiu, Aeron Dave T. Tayaban, Mackenzie Nicole D. Cuaresma, Joey Aldrich T. Almanza
BREAK		
14.15 - 14.30	6. Designing a Citizen-Centric Transparency Platform for Government Project Monitoring in the Philippines: A Conceptual Framework	Christel Joy D. Verania, John Quinn Agonace, Larcen Emmanuel D. Belangel, Julian Curt J. Flores, Keane Chandre Guadarama, Justine Blaire Suarez (STI WNU)

Remarks: There may be changes to the order of presentation without prior notice.