

**Virtual Conference-CONFERENCE PROGRAM Burapha University Conference 2021 (BUU2021)**

2021 September 3

Time	Session
08:30-09:00	<b>Opening Address : Assoc.Prof.Watcharin Gasaluck,Ph.D.</b>
09:00-10:00	<b>Keynote Speaker : Asst.Prof.Akkharawit Kanjanaopas,Ph.D.</b>
10:00-11:00	<b>Keynote Speaker : Prof.Somchai Wongwises,Ph.D.</b>
11:00-11:30	<b>Plenary Lecturer : Asst.Prof.Savitri Gadavanij,Ph.D.</b>
11.30-12.00	<b>Plenary Lecturer : Asst.Prof.Jutamas Wisansing,Ph.D.</b>

**Break**

	Computer Center 1 Chair : Asst.Prof.Niramol Punbusayakul,Ph.D.	Computer Center 2 Chair : Asst.Prof.Pollawat Charoeythornkhajhornchai,Ph.D.	Computer Center 3 Chair : Asst.Prof.Nattawut Leelakanok,Ph.D.	Computer Center 4 Chair : Assoc.Prof.Kampanart Huanbutta,Ph.D.	Computer Center 5 Chair :Rachata Channo,Ph.D.	Computer Center 6 Chair : Natthamma Thongiam,Ph.D.
	<b>Agriculture and food technology</b>	<b>Energy and smart materials&amp;Applied engineering and industrial 4.0</b>	<b>Energy and smart materials&amp;Applied engineering and industrial 4.0</b>	<b>Health and wellness</b>	<b>Humanities, Social sciences, Arts, and Culture</b>	<b>Humanities, Social sciences, Arts, and Culture</b>
13:00-13:30	Invited Lecture : Supattra Treerattrakool,Ph.D.	Invited Lecture : Prof.Chi-chuan Wang,Ph.D.	Invited Lecture : Assoc.Prof.Winadda Wongwiriyan,Ph.D.	Invited Lecture : Assoc. Prof.Waranyoo Phoolcharoen,Ph.D.	Invited Lecture: Asst.Prof.Kornwipa Poonpon,Ph.D.	Invited Lecture: Assoc.Prof.Petronio Bendito,Ph.D.
13:30-14:00	Invited Lecture : Prof. Jingtair Siriphanich,Ph.D.	Invited Lecture : Assoc. Prof.Sira Saisorn,Ph.D.	Invited Lecture : Asst. Prof.Settakorn Uppasen,Ph.D.	Invited Lecture : Assoc. Prof.Juraithip Wungsintaweekul,Ph.D.	Invited Lecture: Asst.Prof.Kornwipa Poonpon,Ph.D.	Invited Lecture: Prof.Jong-Pil Pyun
14.00-14.30	Invited Lecture : Assoc. Prof. Kitiya Vongkamjan,Ph.D.	Invited Lecture : Laurent Mezeix,Ph.D.	Invited Lecture : Assoc.Prof.Weerapun Duangthongsuk,Ph.D.	Invited Lecture : Prof.Jong-Bin Bae	<b>HUO-3-01 HUO-4-02</b> Chair :Rachata Channo,Ph.D.	<b>HUO-17-05 HUO-18-06</b> Chair :Natthamma Thongiam,Ph.D.
14.30-15.00	Invited Lecture : Prof.Panuwat Suppakul,Ph.D.	Invited Lecture : Nopphon Weeranoppant,Ph.D.	<b>Health and wellness</b> Invited Lecture : Assoc. Prof. Anamai Thetkathuek,Ph.D.	Invited Lecture : Prof.Pornsak Sriamornsak,Ph.D.	<b>HUO-15-03 HUO-16-04</b> Chair :Rachata Channo,Ph.D.	<b>HUO-20-07 HUO-23-08</b> Chair :Natthamma Thongiam,Ph.D.
15.00-15.20		<b>Poster session</b> <b>AFP-41-01</b> Chair : Pornpun Aramsangtienchai,Ph.D.		<b>Poster session</b> <b>HWP-42-01</b> Chair : Assoc.Prof.Kampanart Huanbutta,Ph.D.	<b>Poster session</b> <b>HUP-24-01</b> Chair :Rachata Channo,Ph.D.	
15.20-15.40	<b>AFO-29-01</b> Chair : Asst.Prof.Niramol Punbusayakul,Ph.D.	<b>ESO-45-01</b> Chair : Asst.Prof.Pollawat Charoeythornkhajhornchai,Ph.D.	<b>HWO-47-05</b> Chair : Asst.Prof.Nattawut Leelakanok,Ph.D.	<b>HWO-30-01</b> Chair : Assoc.Prof.Kampanart Huanbutta,Ph.D.	<b>TCO-46-01</b> Chair : Natthakan Pruksorranan,Ph.D	<b>HUO-48-09</b> Chair :Natthamma Thongiam,Ph.D.
15.40-16.00	<b>AFO-35-02</b> Chair : Asst.Prof.Niramol Punbusayakul,Ph.D.	<b>ESO-50-02</b> Chair : Asst.Prof.Pollawat Charoeythornkhajhornchai,Ph.D.	<b>HWO-36-04</b> Chair : Asst.Prof.Nattawut Leelakanok,Ph.D.	<b>HWO-31-02</b> Chair : Assoc.Prof.Kampanart Huanbutta,Ph.D.		<b>HUO-49-10</b> Chair :Natthamma Thongiam,Ph.D.
16.00-16.20	<b>AFO-43-03</b> Chair : Asst.Prof.Niramol Punbusayakul,Ph.D.	<b>AEO-53-01</b> Chair : Asst.Prof.Pollawat Charoeythornkhajhornchai,Ph.D.	<b>AFO-52-05</b> Chair : Asst.Prof.Samart Sai-Ut,Ph.D.	<b>HWO-32-03</b> Chair : Assoc.Prof.Kampanart Huanbutta,Ph.D.		
16.20-16.40	<b>AFO-51-04</b> Chair : Asst.Prof.Niramol Punbusayakul,Ph.D.	<b>AEO-54-02</b> Chair : Asst.Prof.Pollawat Charoeythornkhajhornchai,Ph.D.				
16.40-17.00	<b>Best Paper Awards and Closing Ceremony (Vice President: Assoc.Prof. Jittima Charoenpanich, Ph.D.)</b>					

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### Keynote Speaker

Time	Keynote Speaker	Affiliation	Place
09:00-10:00	Asst.Prof.Akharawit Kanjanaopas,Ph.D.	National Science and Technology Development Agency : NSTDA	Live : <a href="https://www.facebook.com/BUUresearch">https://www.facebook.com/BUUresearch</a>
10:00-11:00	Prof.Somchai Wongwises,Ph.D.	King Mongkut's University of Technology Thonburi	Live : <a href="https://www.facebook.com/BUUresearch">https://www.facebook.com/BUUresearch</a>

### Plenary Lecturer

Time	Plenary Lecturer	Affiliation	Place
11:00-11:30	Asst. Prof.Savitri Gadavaniij,Ph.D.	National Institute of Development Administration : NIDA	Live : <a href="https://www.facebook.com/BUUresearch">https://www.facebook.com/BUUresearch</a>
11.30-12.00	Asst. Prof.Jutamas Wisansing,Ph.D.	Creating Creative Tourism : Toolkit	Live : <a href="https://www.facebook.com/BUUresearch">https://www.facebook.com/BUUresearch</a>

### Invited Lecture

#### Agriculture and food technology

Time	Invited Lecture	Affiliation	Place
13:00-13:30	Supattra Treerattrakool,Ph.D.	Mahidol University	Computer Center 1(Zoom Meeting)
13:30-14.00	Prof.Jingtair Siriphanich,Ph.D.	Kasetsart University Kamphaeng Saen Campus	Computer Center 1(Zoom Meeting)
14.00-14.30	Assoc.Prof.Kitiya Vongkamjan,Ph.D.	Kasetsart University	Computer Center 1(Zoom Meeting)
14.30-15.00	Prof.Panuwat Suppakul,Ph.D.	Kasetsart University	Computer Center 1(Zoom Meeting)

### Energy and smart materials & Applied engineering and industrial 4.0

13:00-13:30	Prof.Chi-chuan Wang,Ph.D.	National Chiao Tung University	Computer Center 2(Zoom Meeting)
13:30-14:00	Assoc. Prof.Sira Saisorn,Ph.D.	KMITL, Prince of Chumphon Campus	Computer Center 2(Zoom Meeting)
14.00-14.30	Laurent Mezeix,Ph.D.	Burapha University	Computer Center 2(Zoom Meeting)
14.30-15.00	Nopphon Weeranoppanant,Ph.D.	Burapha University	Computer Center 2(Zoom Meeting)
13:00-13:30	Assoc.Prof.Winadda Wongwiriyan,PhD.	King Mongkut's Institute of Technology Ladkrabang	Computer Center 3(Zoom Meeting)
13:30-14:00	Asst. Prof.Settakorn Uppasen,Ph.D.	Burapha University	Computer Center 3(Zoom Meeting)
14.00-14.30	Assoc.Prof.Weerapun Duangthongsuk,Ph.D.	Southeast Asia University	Computer Center 3(Zoom Meeting)
<b>Health and wellness</b>			
13:00-13:30	Assoc. Prof.Waranyoo Phoolcharoen,Ph.D.	Chulalongkorn University	Computer Center 4(Zoom Meeting)
13:30-14:00	Assoc. Prof.Jurathip Wungsintaweekul,Ph.D.	Prince of Songkla University	Computer Center 4(Zoom Meeting)
14.00-14.30	Prof.Jong-Bin Bae	Seoul National University Bundang Hospital	Computer Center 4(Zoom Meeting)
14.30-15.00	Prof.Pornsak Sriamornsak,Ph.D.	Silpakorn University	Computer Center 4(Zoom Meeting)
14.30-15.00	Assoc.Prof.Anamai Thetkathuek,Ph.D.	Burapha University	Computer Center 3(Zoom Meeting)
<b>Humanities, Social sciences, Arts, and Culture</b>			
13:30-14:00	Asst.Prof.Kornwipa Poonpon,Ph.D.	Khon Kaen University	Computer Center 5(Zoom Meeting)
13:00-13:30	Assoc.Prof.Petronio Bendito,Ph.D.	Purdue University, USA	Computer Center 6(Zoom Meeting)
13:30-14:00	Prof.Jong-Pil Pyun	Namseoul University, South Korea	Computer Center 6(Zoom Meeting)

### Agriculture and food technology

<b>Time</b>	<b>ID</b>	<b>Authors</b>	<b>Title</b>	<b>Mode of presentation</b>	<b>Place</b>
15.00-15.20	AFP-41-01	Panata Iawsipo, Rotsukon Poonbud and Natcha Somtragool	Ethanol extract from <i>Pluchea indica</i> tea leaves suppresses cervical cancer cell growth by promoting ROS production	poster	Computer Center 2 (Zoom Meeting)
15.20-15.40	AFO-29-01	Vichai Puripunyanich, Kasetrin Dech-Oop, Lamai Maikaew and Mayuree Limtiyayothin	Success Story of Thai Tulip Selection at Tak Province	oral	Computer Center 1 (Zoom Meeting)
15.40-16.00	AFO-35-02	Vichai Puripunyanich, Lamai Maikaew, Mayuree Limtiyayotin, Taweepong Na Nan and Narisra Suwan	Anthracnose resistant breeding in chili by electron beam irradiation	oral	Computer Center 1 (Zoom Meeting)
16.00-16.20	AFO-43-03	Lamai Maikaew, Vichai Puripunyanich, Mayuree Limtiyayothin and Piyanuch Orpong	Effect of Gamma Rays on Seed Germination and Survivability of <i>Cannabis sativa</i> L. ssp. <i>indica</i>	oral	Computer Center 1 (Zoom Meeting)
16.20-16.40	AFO-51-04	Weerapattra Phimpakarn, Prakaytham Suksatit, Nongnuch Poolsawad and Thanwadee Chinda	An Application of Biological Circularity in Broiler Feed Production	oral	Computer Center 1 (Zoom Meeting)
16.00-16.20	AFO-52-05	Muthita Kachapoch, Jantima Samneangngam, Nongnuch Poolsawad and Thanwadee Chinda	Measuring the Circularity of Crude Palm Oil	oral	Computer Center 3 (Zoom Meeting)

**Energy and smart materials & Applied engineering and industrial 4.0**

<b>Time</b>	<b>ID</b>	<b>Authors</b>	<b>Title</b>	<b>Mode of presentation</b>	<b>Place</b>
15.20-15.40	ESO-45-01	Nirun Witit-Anun, Amonrat Khambun, Siriwat Alaksanasuwan and Adisorn Buranawong	Influence of N <sub>2</sub> Flow Rate on the Structure of CrZrN Thin Films Prepared by Reactive DC Magnetron Co-Sputtering	oral	Computer Center 2 (Zoom Meeting)
15.40-16.00	ESO-50-02	Mo Mo, Seksan Papong and Thabwadee Chinda	Comparison between Present and Proposed Future Waste Management Plans for Greenhouse Gas Emissions in Yangon City, Myanmar	oral	Computer Center 2 (Zoom Meeting)
16.00-16.20	AEO-53-01	Kitisak Tangchaidee and Suthep Butdee	Neuro-Fuzzy based Monitoring System to Predict Deliverability for Automotive Rubber Part Supply Chain Management	oral	Computer Center 2 (Zoom Meeting)
16.20-16.40	AEO-54-02	Suthep Butdee and Jedsadarng Thanomsin	Distortion Prediction of Bus Body Manufacturing on a Co-bot Welding with MIG using Neuro-Fuzzy based Reasoning	oral	Computer Center 2 (Zoom Meeting)

<b>Humanities, Social sciences, Arts, and Culture</b>					
<b>Time</b>	<b>ID</b>	<b>Authors</b>	<b>Title</b>	<b>Mode of presentation</b>	<b>Place</b>
14.00-14.30	HUO-3-01	Koji Nakano	Living Composition as Flexible Music—Creating Ancient Chanting and Time Song IV: Diverse Voices	oral	Computer Center 5 (Zoom Meeting)
14.00-14.30	HUO-4-02	Riccardo Corrado, Audrey Liwan and Tihitena Melesse	From Africa to Asia: the shared path of Ethiopia and Cambodia	oral	Computer Center 5 (Zoom Meeting)
14.30-15.00	HUO-15-03	Rinrada Sangbua and Wanrapee Banchuenvijit	Lessons from the financial crisis. The study of Thai companies' financial risk assessment and Firm performance during 2003-2013.	oral	Computer Center 5 (Zoom Meeting)
14.30-15.00	HUO-16-04	Laphatrada O'Donnell	Murder Your Darlings in the Translating of Touristic Texts	oral	Computer Center 5 (Zoom Meeting)
15.00-15.20	HUP-24-01	Narissa Noitaptim, Suphat Bunyarittikit and Sutta Sriphadej	Muslim Vernacular houses in Communities on the Tha-Sala Seacoast: Tha-Sala , Nakhonsrithammarat	poster	Computer Center 5 (Zoom Meeting)
15.20-15.40	TCO-46-03	Liang Ma and Petcharut Viriyasuebphong	The Role Of Long-Term Orientation On Influence Of Mobile Advertising To Chinese Young Tourists' Intention To Visit To Thailand Wellness Tourism	oral	Computer Center 5 (Zoom Meeting)
14.00-14.30	HUO-17-05	Kittipan Chittep and Pattara Komkam	AUN-AYCF Thailand: the Collaboration of Cultural Performing Arts for the Youth with Creative learning sustainably	oral	Computer Center 6 (Zoom Meeting)
14.00-14.30	HUO-18-06	Visaka Saeui	MUPA Dance Troupe: From A Dance Training Class to School Dance Company	oral	Computer Center 6 (Zoom Meeting)
14.30-15.00	HUO-20-07	Tanarach Anukul	The Current Survival Of Thai Traditional Music Tuning In Contemporary Trends	oral	Computer Center 6 (Zoom Meeting)
14.30-15.00	HUO-23-08	Charlton Bruton	Redesigning Sustainable Local Curriculum through Self-Determined Learning in International Higher Education	oral	Computer Center 6 (Zoom Meeting)
15.20-15.40	HUO-48-09	Wanit Treeranurat and Suthathip Suanmali	The Derivation of Relative Weight for Severity Level of Traffic Accidents using Analytic Hierarchy Process (AHP)	oral	Computer Center 6 (Zoom Meeting)
15.40-16.00	HUO-49-10	Anon Na Thalang and Thanwadee Chinda	Inventory Management of the Air Conditioner Industry Utilizing the System Dynamics Modelling Approach	oral	Computer Center 6 (Zoom Meeting)

<b>Health and wellness</b>					
<b>Time</b>	<b>ID</b>	<b>Authors</b>	<b>Title</b>	<b>Mode of presentation</b>	<b>Place</b>
15.00-15.20	HWP-42-01	Jesada Maneewong, Natthiya Saehlim and Rungnapha Saeeng	Synthesis of Caerulomycin A	poster	Computer Center 4 (Zoom Meeting)
15.20-15.40	HWO-30-01	Nutcha Tengtermwong, Chonnakarn Musigavong, Aungkana Krajarng and Parunkul Tungsukruthai	Efficacy and Safety of Cream Containing Centella Asiatica Extract for Treatment of Atopic Dermatitis Patients	oral	Computer Center 4 (Zoom Meeting)
15.40-16.00	HWO-31-02	Yupin Kaeokoket, Makorn Limudomporn, Wannaporn Eaimworawuthikul, Somboon Kietinun, Parunkul Tungsukruthai, Chuntida Kamalashiran and Kusuma Sriyakula	Feasibility and Safety of Combining Thai Massage and Physical Therapy in Acute Stroke Patients with Hemiplegia compared with Physical Therapy Only	oral	Computer Center 4 (Zoom Meeting)
16.00-16.20	HWO-32-03	Somboon Kietinun, Sarawut Jansang, Parunkul Tungsukruthai, Kusuma Sriyakul and Aungkana Krajarng	The Effects of Breathing Training Using a Wind Mill Toy on Pulmonary Function Respiratory Muscle Strength and Quality of Life in Patients with COPD	oral	Computer Center 4 (Zoom Meeting)
15.20-15.40	HWO-47-05	Mattana Santasnachok, Anamai Thetkathuek and Teeranun Nakyai	Comparative safety index and environmental analyses of dimethyl ether production via CO2 utilization	oral	Computer Center 3 (Zoom Meeting)
15.40-16.00	HWO-36-04	Sherab Dorji, Kusuma Sriyakul, Karma Tenzin, Pratya Phetkate and Somboon Keitinun	The Comparative study of Efficacy and Safety between Ching-Dug and Diclofenac in Pain Management of Non-specific Low Back Pain	oral	Computer Center 3 (Zoom Meeting)