

SPECIAL SESSION:

BIOMEDICAL APPLICATIONS

Saturday, 6th August 2022

TIME Ballroom 2

- 09.45-10.15** Invited speaker : Dr. Chaianut Jirayupat
"Breath Odor-based Individual Authentication by an Artificial Olfactory Sensor System and Machine Learning"
- 10.15-10.30** SSB-OR01 (Ab-ID076): Kuson Tuntiwong
"Biomechanical Pattern of Canine Distalization in The Miniscrew Position: A Finite Element Analysis"
- 10.30-10.45** SSB-OR02 (Ab-ID081): Shantanu Agnihotri
"A Simulation Based Performance Analysis of Field-Effect Transistors for Biomedical Sensing"
- 10.45-11.00** SSB-OR03 (Ab-ID085): Poppchon Laon
"Deep Learning and Artificial Intelligence for Electrophysiology Mapping and Signal Analysis"
- 11.00-11.15** SSB-OR04 (Ab-ID087): Solos Punkabutra
"The Interrelationships Between Low Alpha and Musical Frequencies"
- 11.15-11.30** SSB-OR05 (Ab-ID088): Sarut Puangragsa
"Technical Aspect of 3D Printing in Gynecological Brachytherapy"
- 11.30-11.45** SSB-OR06 (Ab-ID089): Kamonchat Apivanichkul
"The Performance Improvement of Deep Learning in Automatic Femur Segmentation using External Feature Addition"
- 11.45-12.00** SSB-OR07 (Ab-ID090): Nongluck Houngkamhang
"Antibody Conjugated Gold Nanoparticles for Lateral Flow Immunoassay"

Chairman:

Assoc.Prof.Pattarapong Phasukkit,
Assist.Prof.Nongluck Houngkamhang