論文暨海報競賽辦法說明

本屆會議投稿共計 19 位，論文暨海報競賽評選將依不同階段進行，會中投稿者請於 Poster Session 期間依指定地點展示及說明，經由審慎評閱後加總評分，決選其中六名表現優秀者，將於研討會場作簡報說明，榮獲前三高分者將分別授予最佳論文獎狀一只以及獎金；另三名優秀者將授予最佳海報獎狀一只及獎品一份。

Regulations Regarding Best Paper & Poster Awards

There are 19 applicants in BMI 2019. The campaign of Best Paper Awards will be executed in two aspects, “Best Paper Awards” and “Best Poster Awards”. During poster session, all posters will be reviewed by the evaluation committee. After comprehensive assessment, six top-granted applicants will be asked to present their research in the Conference Hall, and top three of them will be determined and ranked for “Best Paper Awards”. The other three applicants will be ranked for “Best Poster Awards”

Poster Abstract Number and Titles

No.	Name	Abstract Titles
1	CHEN, Chang-Le	Generalization of diffusion magnetic resonance imaging–based brain age prediction model through transfer learning
2	CHEN, Pin-Yu	Variation in White Matter Properties Predicts the Abilities of Face Recognition In A Normal Adult Life Span Cohort
3	CHEN, Yin-Fu	Multilayer Tissue Phantom Design for Simulating Internal Jugular Vein’s Measurement in Near-Infrared Optical System
4	HSIEH, Ting-Yu	Holographic Light Sheet Microscopy for Live *Caenorhabditis elegans*
5	HSU, Yao-Wen	Hair Follicles Employ a 2-Dimensional Healing Strategy to Repair 3-Dimensional Injuries After Radiation Injury
6	HU, Hsi-Yuan	Brain Degeneration Is Associated With Memory Function Of Mesial Temporal Lobe Epilepsy In The Papez Circuit
7	HUANG, Guan-Jie	Pump-Probe Microscopy: Spatial Resolution Enhancement via Temporal Control
8	KAO, Tzu-Chia	Quantifying Optical Properties of In-vivo Human Head Tissues Using Nearinfrared Spectroscopy
9	LI, An-Cin	Isotropic Quantitative Differential Phase Contrast Microscopy Using Deep Neural Networks
10	LIN, Jyun-Yi	Two-photon Volumetric Endoscopy for Deep Brain Study
11	LIN, Po-Ting	Identifying Apoptosis of Retinal Pigment Epithelial Cells by Quantitative Phase Imaging
12	LIN, Yu-Hsiang	Isotropic Differential Phase Contrast Microscopy with Wavelength-Coded Vortex Asymmetric Illumination
13	TSAI, Ying-Ju	Optical Trapping with Autofocusing Beam

14	TSAI, Yu-Hsuan	High Speed Volumetric Imaging Microscopy
15	TSENG, Yun-Hsiu	Peptide-Based Polyelectrolyte Scaffold Promotes Directional Neurite
16	Ushashi Bhattacharya	A Chemical Modification Strategy for Capturing Neuronal Synapses by Manipulating Surface Charge
17	WANG, Ke-Hsin	Topography and Protein Adhesion Control of Culturing Platform for Neuronal Migration Guidance
18	WANG, Ching-Yu	Investigation of the *ex vivo* Mouse Brain Tissue Architecture with a Near-infrared II-B Optical Coherence Tomography Imaging System
19	WU, Yueh-Feng	Characterization of cell dynamics of corneal endothelial healing *in vivo* by intravital multiphoton imaging