



# International Symposium on Grids & Clouds (ISGC) 2022 Virtual Conference

## Wednesday, March 23, 2022

### DMCC & Environmental Computing Workshop - Room 1 (11:00 AM - 12:30 PM)

-Conveners: Eric YEN

time	[id] title	presenter
11:00 AM	[M00] Introduction & Regional Collaborations	YEN, Eric
11:10 AM	[M01] Floods	LIEW, Ju Neng
11:40 AM	[M00] 2022 Hunga Tonga eruption and tsunami event	Prof. WU, Tso-Ren

### DMCC & Environmental Computing Workshop - Room 1 (1:30 PM - 3:00 PM)

-Conveners: Eric YEN

time	[id] title	presenter
1:30 PM	[M02] Forest Fire/Haze/Maze and hydroinformatics	TANPIPAT, Veerachai
1:50 PM	[M03] Development and Knowledge transfer of early forest fire IoT detection system using AI	HONGWITAYAKORN, Apisake
2:10 PM	[M04] Visual IoT for Disaster Mitigation	MURATA, Ken T.
2:30 PM	[M12] A collaboration and compute platform from EGI for Open science in Asia	SIPOS, Gergely

### DMCC & Environmental Computing Workshop - Room 1 (3:30 PM - 5:00 PM)

time	[id] title	presenter
3:30 PM	[M6] APOCAWLIPSEA - Prediction of Air Pollution from Wildfires in S-E Asia & the Open Call for LEXIS Cloud/HPC Platform Evaluation	LUANGSODSAI, Arthorn DITTRICH, Jirathana NIINIMAKI, Marko HAYEK, Mohamad HACHINGER, Stephan TANPIPAT, Veerachai
4:00 PM	[M7] Real time computation of tsunami inundation estimates with TsunAWI as part of the LEXIS project	RAKOWSKI, Natalja
4:30 PM	[M8] K2I - Tracing Unknown Water Pollutants with Artificial Intelligence	PAUW, Viktoria