Venue: B1-Level, 21 Komaba Center for Education Excellence, Komaba Campus, The University of Tokyo

Friday, 1st June

15:15- 15:45	Registration
15:45- 15:50	Opening Ceremony
15:50- 17:50	Session 1: Respective research center activities related to CHAMPS development and application Chair: Jensen ZHANG
The University of Tokyo, Shinsuke KATO	
Nanjing University, Menghao QIN	
Technical University of Denmark, Carsten RODE	
Tsinghua University, Xudong YANG	
Syracuse University, Jensen ZHANG and Michael PELKEN	
Technical University of Dresden, John Grunewald	
18:00- 20:00	Welcome Reception at 21 Komaba Center for Education Excellence, The University of Tokyo

Saturday, 2nd June

9:30- 9:50	Introduction of Virtual Design Studio by Syracuse University *video presentation
10:00- 11:20	Session 2 Chair: Carsten RODE
Modeling Particle Penetration Through A Mid-Scale Wall System Zhi GAO, Syracuse University	
Co-simulation of EnergyPlus and CHAMPS-MZ during Run-time Lixing GU, Florida Solar Energy Center	
Large-eddy simulation of indoor dispersion of expiratory aerosol in various diffuser-induced airflow patterns Takamasa HASAMA, KAJIMA Corporation	
Modeling of Airflow Supplied from Multi-cone Ceiling Diffuser in CFD Analysis of Room Airflow Hisashi KOTANI, Osaka University	
11:30- 12:30	Session 3 Chair: Xudong YANG
The Durability of Finishing Layer External Surface of Buildings' Walls Ruta MINIOTAITE, Kaunas University of Technology	
Coupled Simulation of Energy Simulation and CFD analysis in Prediction of Air Conditioning Load of Office Buildings Yoshihisa MOMOI, Osaka University	
Performance assessment of a model for simulating dispersion in an urban street canyon with tree planting Peter MOONEN, aEmpa, Swiss Federal Laboratories for Materials Science and Technology	
12:30- 13:30	Lunch
13:30- 14:50	Session 4 Chair: Menghao QIN
On the Model Predictive Control of HVAC System Yasuo UTSUMI, Sendai National College of Technology	
Wood – Energy, Emission, Experience Lars TELLNES, Norsk Treteknisk Institutt	
Building Energy Simulation by Coupling the Contribution Ratio of Indoor Climate (CRI) with Network Model Weirong ZHANG, The University of Tokyo	
Optimized default configuration for simulation tools during early design phases and its automatic generation Kyosuke HIYAMA and Masakazu KUBOTA, The University of Tokyo	
15:00- 16:00	Introduction and Tour of 21 Komaba Center for Education Excellence, Ryozo OOKA, The University of Tokyo
16:00- 17:00	Tour of Kato lab., I.I.S., the University of Tokyo (For those who are interested in. It takes about 10 minutes from the venue on foot.)
18:00- 20:00	Dinner (by invitation)

Sunday, 3rd June

9:30- 10:50	Session 4 Chair: Jensen ZHANG
The internal insulation of a masonry wall with wooden floor beams – the influence of air transport on the hygrothermal performance Paul STESKENS, Belgian Building Research Institute	
The Application of Simulation Technology to Improving Daylighting, Thermal and Natural Ventilation for the Building Facade Design Wei YOU, Nanjing University	
Model Simulation of Wind Effects on Building Environment: A Case Study of Hasimiscan District in Antalya,Turkey Meral YUCEL, Istanbul Technical University	
A study on improvements of equipment and operation system for the optimum energy saving in office buildings Jung-Seok KIM, Dan-kook University	
11:00- 12:20	Session 5 Chair: Shinsuke KATO
Temperature and Contaminant Concentration in Sick Room with Displacement Ventilation Toshio YAMANAKA, Osaka University	
Research on Architectural Pattern of Residential Quarter and Layout of Protective Greenbelt Based on Gaussian Model of Atmospheric Diffusion of Point Source Yanhua YUAN, Nanjing University	
Numerical study on the effects of inland water area and anthopogenic heat on urban heat island in Wuhan, China Xuefan ZHOU, Huazhong University	
Impact of Pollutant Generation in the Vicinity of Breathing Zone on Inhaled Air Quality Hideaki NAGANO, Tokyo City University	
A fractal Model for Formaldehyde Migration in Porous Building Materials Zhenqian CHEN, Southeast University	
12:20- 12:30	Closing Ceremony

*Each presentation lasts for maximum of 20 minutes including questions and comments form the auditorium.