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| **CHAMPS 2017: Tuesday 12 September 2017** | |
| 8:00-8:30 | Registration for CHAMPS 2017 |
| 8:30-10:00 | **IEA-Annex 68 General Session (Chair: Professor Jensen Zhang)**  8:30-8:45: Welcome and introduction, Professor Mike Davies, UCL Institute for Environmental Design and Engineering  8:45-9:30: Overview of IEA-Annex 68 and progress to date, Professor Carsten Rode, Technical University of Denmark (DTU)  9:30-10:00 Model Validation Data from the NIST Netzero Energy House,  Dr Andrew Persily (National Institute of Standards and Technology, USA) |
| 10:00-10:20 | Coffee Break and Networking |
| 10:20-12:20 | **CHAMPS Session 1 (Chair: Professor Carsten Rode)**  10:20-10:50: An overview of current state and future challenges in CHAMPS development, Professor Jensen Zhang, Syracuse University  10:50-11:20: IBPSA-England presentation (tbc), Professor Malcolm Cook, Loughborough University  11:20-11:50: The CRI-network model approaches to the analysis of hygrothermal and air quality of  indoor panorama, Li Wang, University of Tokyo  11:50-12:20: Using MatLab, SimuLink and Comsol as CHAMPS platform, Dr Jos van Schijndel, Eindhoven University of Technology |
| 12:20-13:00 | Lunch |
| 13:00-15:00 | **CHAMPS Session 2 (Chair: Professor John Grunewald)**  13:00-13:30: Coupled CONTAM/EnergyPlus Modeling of the NIST Netzero Energy House, Dr Andrew Persily, NIST  13:30-14:00: Coupled heat, moisture, and pollutant transport modelling in EnergyPlus, Dr Jonathon Taylor, University College London (UCL)  14:00-14:30: Recent advances in TUD-IBK's simulation software  Development, Dr Andreas Nicolai, Dresden University  14:30-15:00: Development of the TUD's Campus Energy Model, Dipl.-Ing. Dirk Weiss, Dresden University |
| 15:00-15:30 | Coffee Break and Networking |
| 15:30-17:00 | **CHAMPS Session 3 (Chair: Professor Mike Davies)**  15:30-16:00: Status of airflow modelling in hygrothermal simulation of the building envelope, Professor Carsten Rode, Technical University of Denmark (DTU)  16:00-16:30: Hygrothermal material characterization, Professor John Grunewald, Dresden University  16:30-17:00: Hygrothermal performance of innovative green materials, Dr Menghao Qin, Technical University of Denmark (DTU) |