

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