Thursday 6th March

| 10:00 We 10:15 Int | offee | |
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| 10:15 Int | | |
| Se | /elcome | Prof Jan Carmeliet |
| | stroductions | All |
| 10:30 Co | ession: Design optimisation | |
| | onsiderations regarding optimization of dynamic facades for improved energy performance and visual comfort | Dr Roel Loonen |
| | ne route to an ideal adaptive glazing facade oploratory computational tools for holistic building design and optimisation | Fabio Favoino James Ramsden |
| | ptimal design and control of technical building systems | Prof Cheol-Soo Park |
| | teractions between different levels of the building system to be optimised | Dr Ralph Evins |
| 11:45 Dis | iscussion | |
| 12:00 Ke | eynote: The model-based optimization of buildings - an optimization workflow and reflection on the state-of-the-art | Prof Jonathan Wright |
| | | |
| 13:00 Lu | unch (Dozentenfoyer) | |
| | ession: Control optimisation | Draf Day Craith |
| | lodeling, identification and control of building thermal systems multaneous optimal design and control of future building energy systems under various pricing systems and governmental directives | Prof Roy Smith Araz Ashouri |
| | tool chain for constructing reduced order building models using modelica | Filip Jorissen |
| | enchmark and competition for climate control algorithms of office buildings | Damien Picard |
| | essons learned from modelling and control of hybrid GCHP systems for energy use minimization iscussion | Ercan Atam |
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| 15:30 Co | offee | |
| | ession: Multi-objective optimisation | Duef Keil C' |
| | | Prof Kai Siren |
| 16:00 Co | ombining simulation and optimisation for maximum building performance | Dr Christina Honfo |
| 16:00 Co 16:15 Pa | areto optimization and aggregation: a new approach to integrate optimization with user criteria in BPS | Dr Christina Hopfe Georgios Mavromatidis |
| 16:00 Co 16:15 Pa 16:30 Mu | | Dr Christina Hopfe Georgios Mavromatidis Dr Ala Hasan |
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