



Marie Curie Actions: CityNet Project Training Course
12-15 May, De Montfort University, Leicester, UK
“Thermal comfort and Optimization in Built Environment”



Introduction

The Marie-Curie Research Training Network CITYNET (FP6) aims to develop tools to improve the energy management of large scale urban projects. The common scope of the network research activities is to establish an innovative internet based on-line tool for planning, managing and operating urban quarters with low energy consumption and high renewable energy fraction in order to reduce up to 30% CO₂ emissions. The training course in Leicester, UK on 12-15 May is part of the networking and training events of the Project. The lectures, offered by leading researchers, will focus on the latest advances in Thermal Comfort and Optimization in built environments.

Programme

Tuesday, 12 May

L1	16:30 - 17:30	Prof Kevin Lomas	Thermal Comfort in a Warming Climate
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Wednesday, 13 May

L2	09:00 - 10:30	Dr Jørn Toftum	Human Response to Indoor Environments
L3	11:00 - 12:30	Prof George Havenith	Physiology, Clothing and Comfort
L4	14:00 - 15:30	Dr Christoph van Treeck	Towards Interactive Indoor Thermal Comfort Analysis
T1	16:00 - 17:30	Dr Andy Tindale	Introduction to DesignBuilder™ and EnergyPlus

Thursday, 14 May

T2	09:00 - 13:00	Dr Malcolm Cook	Environmental Design of the Lanchester Library, Coventry
L5	14:00 - 15:30	Prof Fergus Nicol	Adaptive Thermal Comfort and Overheating in Buildings
L6	16:00 - 17:30	Prof Peter Allen	Modelling Evolution and Change in the Built Environment

Friday, 15 May

L7	09:00 - 10:30	Prof Adrian Hopgood	Hybrid Systems: the Future of Artificial Intelligence?
L8	11:00 - 12:30	Prof Derek Clements-Croome	Intelligent Buildings to Meet Sustainability Agenda
L9	14:00 - 15:30	Prof Jonathan Wright	Applications of Evolutionary Algorithms in Buildings
T3	16:00 - 17:30	Prof Vic Hanby/Dr Yi Zhang	Optimization Hands-on: Can Humans Beat Machines?

Further information of event, including details of the lectures and travel information, can be found at: http://www.iesd.dmu.ac.uk/~yizhang/wiki/doku.php?id=project:citynet:leicester_main

All lectures (L1-9) will be held at Q1.12 in the Queens Building. They are free to attend. Booking is not required. Seats are very limited for the technical sessions/tour (T1-3). Please check availability before arriving. Unfortunately we will NOT be able to provide beverage/refreshment during the breaks. On-campus catering facilities are available for easy access.

Contact

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