Joint meeting:

Demand-Oriented Non-Uniform Indoor Environment & Dehumidification in Air Conditioning

> Agenda

Organisation intergouvement pour le développement du froid





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IIR Working Party

Demand-Oriented Non-Uniform Indoor Environment & Dehumidification in Air Conditioning

Working Party of Commission E1, with B1, B2 and E2

Agenda for Meeting in 2019 at Montreal

Overview

The IIR has formed working party "Demand-Oriented Non-Uniform Indoor Environment" and "Dehumidification in Air Conditioning" to share the related research progress in air conditioning and summarize the current research state, and clarify the technical road map for future. A joint meeting will be hold during ICR2019.

Agenda

| Time | Topic | Organizer/Presenter |
|----------------|--|--|
| 5:30 – 5:40 pm | Introduction of WG "Demand-Oriented Non- Uniform Indoor Environment" and recent activities | Xianting Li, Tsinghua University |
| 5:40 – 5:50 pm | Introduction of WG "Dehumidification in air conditioning" and recent activities | Baolong Wang, Tsinghua University |
| 5:50 – 6:10 pm | Robust design optimization of air distribution for thermal comfort | John Z Lin, City University of Hong Kong |
| 6:10 – 6:30 pm | liquid desiccant dehumidification technology for built environment and recent activities | Xiaosong Zhang, Southeast University |
| 6:30 – 6:50 pm | Research on solid desiccant wheel system | Tianshu Ge, Shanghai Jiaotong University |
| 6:50 – 7:00 pm | Discussion on Further Steps of WPs | Xianting Li/ Baolong Wang |

> Pictures of the meeting

Research on Solid Dehumidification in Air Conditioning

Tianshu Ge

Institute of Refrigeration & Cryogenics Shanghai Jiao Tong University



IIR Working Group Joint Meeting

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Demand-Oriented Non-Uniform Indoor Environment & Dehumidification in Air Conditioning

Introduction of WG 'demand-oriented non-uniform air distributions'

Xianting Li

August 26, 2019

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