

国際関係委員会，社会連携委員会報告

The 6th International Conference on Indoor Air Quality, Ventilation & Energy Conservation in Buildingsへの協賛の報告

2007年10月28日から31日まで宮城県仙台市の仙台国際センターにて東北大学の吉野博教授を会長としたThe 6th International Conference on Indoor Air Quality, Ventilation & Energy Conservation in Buildings (以下IAQVEQ 2007) が開催され、当学会も協賛団体として協力させていただいた。IAQVEC 2007には学会名からも分かるように室内空気質，換気，省エネルギーなどの分野の著名な研究者が大勢集まったほか，世界25カ国から300報の論文が寄せられた。学会の趣旨は建物の設計から管理までの総合的なアプローチを目指している。もう少し中身を噛み砕くと，表1に示す8名による招待講演，表2に示す15のトピックスによるセッションおよび表3に示す14のテーマでの特別セッション・ワークショップが開かれ，活発な議論が交わされた。

表1 特別招待講演

Lecture Title	Lecture
Promotion of Sustainable Built Environment and Future Direction	Shuzo Murakami
Experience of buildings energy conservation in European countries and its implications	Francis Allard
Adaptive comfort applications in Australia and its impacts on buildings energy consumption	Richard de Dear
The indoor environment in homes and health - What we have learnt if any?	Jan Sundell
Indoor air quality and occupant health in the built environment: future directions.	David Miller
Computational Fluid Dynamics for indoor environment modeling: past, present, and future	Qingyan Chen
European Actions Supporting the Implementation of the Energy	Paula Cadima
Performance of Buildings Directive: An Integrated Building Design Approach	
Future urban planning approaches in response to the climate change	Juergen Baumuller

表2 トピックス

1 Indoor Environment and Health Effects
2 Pollutants and Pollutants Sources
3 Ventilation Requirement and Strategies
4 Innovative Ventilation and Air Cleaning Systems
5 Human Comfort and Indoor Environment
6 Moisture Transfer and Condensation Proofing
7 Ventilation and Thermal Systems
8 Outdoor Environment Related to IAQ
9 Systems Control and Building Services
10 Energy Conservation and Built Environment
11 Design and Simulation Tools
12 Sustainable Approach
13 Innovative Technologies and Solution
14 Facilities Management and Maintenance
15 Policy and Legal Issues

表3 特別セッション・ワークショップ

1 IEA/ECBCS Annex 41 Whole Building Heat, Air and Moisture Response
2 IEA/ECBCS Annex 43 Testing and Validation of Building Energy Simulation Tools
3 IEA/ECBCS Annex 44 Integrating Environmentally Responsive Elements in Buildings
4 IEA/ECBCS Annex 49 Low Exergy Systems for High Performance Buildings and Communities
5 Productivity and Indoor Environment in Offices and Schools
6 Moisture, Mould Growth and Health Effect
7 The European Energy Performance of Buildings Directive
8 GHG Mitigation in Building Sector by IPCC Report
9 Energy Distribution System in Urban Area
10 Integrated Building Design
11 Urban Ventilation & Outdoor Environment
12 Workshop of Energy Indicators
13 Building Energy in China - the Present and the Future
14 ISO/TC163 Thermal Performance and Energy Use in the Built Environment