## Session I: Industrialised and Adaptable Construction

**R. P. Geraedts:** Design for Change: Flexibility Key Performance Indicators

**H. E. Sørensen:** Use of Wireless Sensors in the Building Industry - SensoByg

**S. Kendall:** Under What Conditions are "Industrialization" and "Integration" Useful Concepts in the Building Sector?

**A. Malatras:** Wireless Sensor Networks for Information Provisioning for Facilities Management

**A. Fuster:** Adaptable Futures Setting the Agenda

**F. Schultzmann:** Life Cycle Information of Buildings Supported by RFID Technologies

**J. Ye:** Identifying New Construction Demands - A Stakeholder Requirement Analysis

**Alain Zarli:** ICT in Smart Buildings Supporting Ambient Assisted Living for Elderly People

**B. L. Jensen:** Automatic Manufacturing of Unique Concrete Structures

**R. Soar and F. Fouchal:** Construction Processes for the Digital 'Trinity'

### Buffet Lunch

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## Session II: Technologies for Intelligent Building Services

### Adaptable Futures Workshop

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00</td>
<td>N. A. Ahmad Bari</td>
<td>Construction Cost Modeling for Industrialised Building System in the Malaysian Construction Industry</td>
</tr>
<tr>
<td>14:20</td>
<td>Z. Hicham</td>
<td>Evolutionary Modeling as a Mean of Mass-customization for Industrialized Systems - Two Cases Explored</td>
</tr>
<tr>
<td>14:40</td>
<td>J. Oti</td>
<td>The Potential of Unfired -Stabilised Soil for Building Material Development in UK</td>
</tr>
<tr>
<td>15:00</td>
<td>R. Marsh</td>
<td>Future Directions for Building Services Technologies in Denmark</td>
</tr>
<tr>
<td>15:20</td>
<td>S. Schimpf</td>
<td>Technology Monitoring in Construction - a Concept for Internet Supported Identification of Experts in the Definition of the Search Field for Technology Monitoring</td>
</tr>
</tbody>
</table>

### TERMES Workshop

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>14:00</td>
<td>Critical parameters for adaptable buildings. From Small houses to big buildings</td>
</tr>
<tr>
<td>14:40</td>
<td>(Termite Emulation of Regulatory Mound Environments by Simulation): Massive passive ventilation; walls as membranes not barriers; impedance structures</td>
</tr>
<tr>
<td>15:20</td>
<td>Adaptable Futures project presentation</td>
</tr>
<tr>
<td>15:40</td>
<td>Stephen Kendall (US)</td>
</tr>
<tr>
<td>15:40</td>
<td>Samir Boudjabeur (Manubuild)</td>
</tr>
<tr>
<td>15:40</td>
<td>Rob Geraedts (NL)</td>
</tr>
</tbody>
</table>

### Buffet Lunch

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## Session III: Industrialised Construction

**B. Hasselaar:** Simulation of Innovative Climate Control Strategies Using Passive Technologies

**C. Y. Yong:** Automated Assessment of Buildings, based on the Deployment of Wireless Networks of Sensors

**V. Lappalainen:** Integrated Overall Building Services Systems Architecture

**K. Piira:** Integrated Building Information Service Through Building Services Gateway

**D. Morrent:** A Collaborative Information Aggregation System for Idea Management

**W. Gielingh:** Business Innovation in Construction through Value Oriented Product/Service Offerings for Living Buildings

**L. Bilan:** Service engineering Approaches in Construction Industry

**A. Malatras:** Enterprise Architecture for Integrating Building Services

**Wokshop:**

Drivers, benefits and limitations of adaptable buildings

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## Session IV: Advanced Application of Real-time Integrated Buildings

**I. Karvonon:** Towards a Reference Model for Building Lifecycle Performance Measurement

**L. Bilan:** Service engineering Approaches in Construction Industry

**K. Piira:** Real Time Building Information Service for Emergency Management

**A. Malatras:** An Enterprise Architecture for Integrating Building Services

**D. Morrent:** A Collaborative Information Aggregation System for Idea Management

**Wokshop:**

Design for Change: Flexibility Key Performance Indicators

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## Session V: Technologies for Intelligent Building Services

**B. Hasselaar:** Simulation of Innovative Climate Control Strategies Using Passive Technologies

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**A. Malatras:** Enterprise Architecture for Integrating Building Services

**E. Hendriks:** Underground Thermal Energy Storage for Efficient Heating and Cooling of Buildings

**D. Paličić:** Totally Integrated Building Automation

**A. Iglesias:** High Energy Efficiency In Intelligent Housing Built Through Integrated And Industrialized Processes

**J. Harris:** Customer Satisfaction with Maintenance Contracts

### Buffet Lunch

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## Session VI: Energy Efficiency and Industrial Presentations

**V. Renzi:** GENHEPI: Demonstration Program for Low Energy Renovation of Buildings in Italy

**M. Hendriks:** Underground Thermal Energy Storage for Efficient Heating and Cooling of Buildings

**D. Paličić:** Totally Integrated Building Automation

**A. Iglesias:** High Energy Efficiency In Intelligent Housing Built Through Integrated And Industrialized Processes

**J. Harris:** Customer Satisfaction with Maintenance Contracts

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## Conference Ends

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## Local Cultural Entertainment

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## Conference Gala Dinner

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## Return from the National Space Centre

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## Welcom / Introduction to Day 2

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## Keynote Speech: Dr Miguel Segarra (Dragados), "I3CON: Industrialised, Integrated, Intelligent Construction"

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## Keynote Speech: Dr Reijo Kohonen, CEO, Global EcoSolutions Oy, Finland, - "A Future of Building Technologies: Globally Optimised-Loacally Customized"

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## Summary of Workshops (Adaptable Futures, TERMES and ECTP)

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## Buffet Lunch

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## Conference Ends