



August 11th-14th

Building a Sustainable future together with engineers, architects & designers

Sustainable Built Environment is a seminar & workshop arranged by the school of Engineering and Arts, Design and Architecture. In the workshops and lecture series local and international experts and professors discuss the various aspects of social sustainability, life cycle thinking and architectural design. The focus is to deepen the collaboration between the three different disciplines and schools, and plan possibilities with Finnish and international partners.

To enroll in the seminar, send an email by August 4th

to markku.lappalainen@aalto.fi



Human-Based Living Environment+ Programme, Aalto University

Schedule:

Monday, August 11th

HUMAN BASED CONSTRUCTION OF CITIES, CITY OF HELSINKI, Laituri Kamppi, Narikka 2, Kamppi
<http://laituri.hel.fi/en/content/info>

13.00-13.30 HOW TO BUILD SOCIALLY SUSTAINABLE AND SMART CITIES IN THE FUTURE
Deputy Mayor Hannu Penttää, City of Helsinki

13.30 – 14.00 HEALTHY AND ENERGY EFFICIENT STRATEGIES FOR SUSTAINABLE ENVIRONMENTS, Professor Ali M. Malkawi, Professor of Architectural Technology, Harvard Graduate School of Design

14.00 – 14.30 STRATEGIC URBAN PLANNING OF HELSINKI 2050, Rikhard Manninen, Head of Helsinki City Master Planning

14.30 – 14.45 Coffee break and refreshments

14.45 – 15.30 SOCIAL SUSTAINABLE LIFESTYLES 2050, Maria Ritola, DEMOS Helsinki

15.30 – 16.15 SUSTAINABILITY IN THE FUTURE, Professor Markku Wilenius, Future Studies, University of Turku

16.15-16.45 Discussion and conclusions

Tuesday, August 12th

LIFE CYCLE THINKING SEMINAR AND WORKSHOP, AALTO DIGITAL DESIGN LABORATORY (ADD), Sähkämiehentie 4G, Otaniemi, Espoo

Keynote comments to presentations by Ali Malkawi, Harvard, GSD

09.00 -09.15 MULTIDISCIPLINARY TEACHING OF BUILDING DESIGN IN AALTO, Professor Juha Paavola, Head of the Department, Aalto Civil and Structural Engineering

09.15 – 9.45 SUSTAINABLE CAMPUS DEVELOPMENT
Men Löytyniemi, Aalto University

9.45-10.15 BIM AND CAD: Trends and Implications for Design, Assistant Professor Vishal Singh, Aalto Civil and Structural Engineering

10.15-10.45. HOW WORKPLACES CHANGE PHYSICALLY AND VIRTUALLY, Ph.D. Suvi Nenonen, Aalto Department of Civil and Structural Engineering

10.45-11.00 Coffee break

11.00 – 11.30 LIFE CYCLE COUNTING OF STRUCTURES, Professor Arto Saari, Aalto Department of Civil and Structural Engineering

11.30 – 13.00 Lunch break Café Antell, Lämpömiehenkuja 2

13.00 – 13.30 LIFECYCLES OF SUSTAINABLE WOODEN BUILDINGS, Professor Hannu Hirsj +researcher Matti Kuitinen, Aalto Department of Architecture

13.30 – 14.00 SUSTAINABLE TRANSPORTATION AND TRAFFIC IN THE FUTURE, Professor Eric Bruun, Aalto Department of Civil and Environmental Engineering, Transportation Research Group

14.00 – 14.30 DIGITALITY AS A PART OF ENVIRONMENTAL SUSTAINABILITY, Professor Marko Turpeinen, Director of EIT ICT Labs

14.30 – 14.45 Refreshments

14.45-15:00 Introductions to workshops by Markku Lappalainen and Briana Romero

15.00 – 17.00 WORKSHOP I: THE PURPOSE OF UNIVERSITY CO-OPERATION. How to work together in a cross disciplinary field? What are the challenges?

Wednesday 13th of August

09.00 – 10.00 VISIT TO ARCHITECTURAL OFFICE SARC, Tammasaarenlaituri 3, 00180 Helsinki

SOCIAL SUSTAINABILITY AND WELLBEING OF CITIES SEMINAR AND WORKSHOP, AALTO DIGITAL DESIGN LABORATORY (ADD), Otaniemi

10.30 – 11.00 SOCIAL WELLBEING AND ARCHITECTURE, Professor Antti Ahlavi, Head of the Department, Aalto University, Department of Architecture

11.00 – 11.30 **WELLBEING 365**, Professor Turku Keinonen, School of Arts, Design and Architecture, Department of Design

11.30 -12.00 SUSTAINABLE URBAN AND ROAD PLANNING, Professor Aija Staiffans, YTK Land Use Planning and Urban Studies

12.00 – 13.30 Lunch break

13.30 - 14.00 ADVANCED PRODUCTION METHODS, Director and Professor Jouni Partanen, Aalto Digital Design Laboratory (ADD).

14.00 – 14.15 Coffee break, refreshments

14.15-15.00 SUSTAINABILITY AND ARCHITECTURE, Professor Ali M. Malkawi, professor of architectural technology, Harvard Graduate School of Design

15.00 – 17.00 WORKSHOP II: TRANS-UNIVERSITY SUSTAINABILITY. How can we do together for sustainability with universities as Aalto (Espoo), and Harvard (Cambridge). The practical aims of future co-operation.

Thursday, August 14th

09.00 – 12.00 Visit to Haltia Nature Center, Espoo Nuuskintie 84, 02820 Espoo

Buses from Kiasma (Mannerheiminaukio 2) at 9.30, return way 11.30 – 12.00 From Haltia to Helsinki

Further information:

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