



**Smart Cities
in Smart Regions
2016**

LAMK

www.lamk.fi/smartlahti

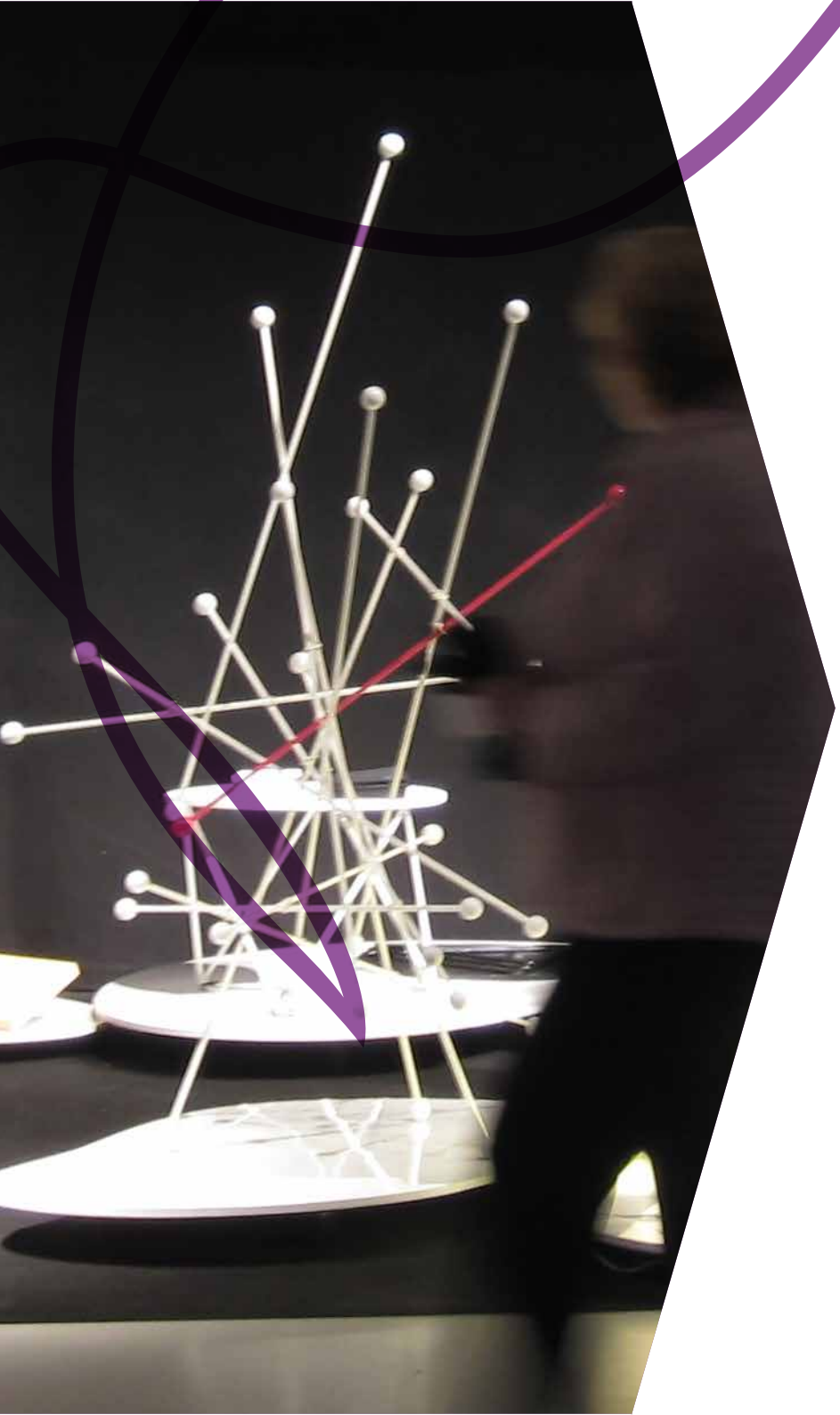


Foreword

First International Smart Cities in Smart Regions 2016 Conference will take place in May 10–12, 2016 in the Sibelius Hall, Lahti, Finland. The Conference is organized by the Lahti University of Applied Sciences in co-operation with number of international, national and regional partners and operators.

Smart Cities in Smart Regions 2016 offers an excellent meeting, networking and discussion forum that brings together thinkers, planners, practitioners from academic world, business and public sector. Come to share latest ideas and innovations. Esteemed keynote speakers and panelists will provide their deep insight and knowledge on the latest trends relating to the creation of more 'Smart Cities in Smart Regions'.

Do not miss the most exciting
happening in the field!



Call for papers

The call for papers is open until Feb 14th 2016. We are looking for both oral presentations and posters. Alongside academic papers, also best practices and case studies are welcomed and they will be accepted according to a more practical review criteria. Theory and practice will be equally emphasized in the Conference program.

CONFERENCE THEMES

There are 3 main themes in the Conference. Under each theme, there are 5 subtheme sessions. Kindly review the descriptions of the subthemes to see where your presentation would be best suited. The organizers reserve the right to combine subthemes depending on the number of abstracts received.



Theme A.

Future Development of Regions

Regional development enhances competitiveness, helps to create an economic balance, develops industrial and commercial activity and supports employment. The objective is to increase regional competitiveness and reduce differences in development between and within regions, while promoting citizens' wellbeing and competences.

Regional development takes place increasingly often as multilateral collaboration between organizations and experts operating in the region. In practice, the preparation encompasses regional policies of industry, employment, education and innovation implemented in the form of long-term collaboration and measures, with emphasis on the renewal of the region. This renewal builds capacity for the improvement of capabilities to respond and adapt to the negative impacts of structural changes.

Future Regional Development theme focuses on different regional development organizations and their role in value creation and regional growth. The key question is how to stimulate regional development and contribute to regional competitiveness in the future.



Theme A. Future Development of Regions



A1 ▶

ROLE AND IMPACT OF HEIS IN REGIONAL DEVELOPMENT

As a response to recent policy development in EU, there is a growing recognition of the potential role of universities in local and regional development and innovation in the context of smart specialization. This track invites research and case studies where Higher Education Institutes are rethinking their role and responsibilities, and engaging in learning and co-production of knowledge beyond the campus walls, resulting in discoveries with impact to society and regional development.

A2 ▶

ENTREPRENEURIAL UNIVERSITIES

Global recession and structural economic shifts motivate governments and business leaders to look into universities to stimulate regional development. How will universities respond to the challenge? The entrepreneurial turn of the universities includes introducing entrepreneurial programs, stimulating student-based initiatives, commercializing research and creating university spin-offs. There is no one best way or best practice to legislate an entrepreneurial university. We all have to find our way to success.

A3 ▶

CITIES AND REGIONS IN VALUE CREATION

How do cities and regions best encourage growth and value creation in their area? Who should be involved in developing a whole region? What forms of collaboration have proved to be fruitful? What kind of policies are effective? How to use agile methods in systemic change? There are plenty of questions when it comes to understanding the role of public sector in value creation. Case studies, theories, and models for regional or city development are scrutinized in this session.

A4 ▶

SMART SPECIALIZATION

Smart specialization is a strategic approach to economic development through targeted support to Research, Development and Innovation (RDI). It involves a process of developing a vision, identifying competitive advantage, setting strategic priorities and making use of smart policies to maximize the knowledge-based development potential of any region. This track invites research and case studies from regional development policy-makers and professionals developing such strategies as well as their partners from business, academia and the civil society.

A5 ▶

CHANGING WORKING LIFE

This track invites presentations focusing on the changes, transitions and trajectories which are taking place in the modern working life. The presentations may cover these issues in broader sense and they may be based upon research and/or practical case studies.



Theme B.

Citizens and Urban Sustainability

Citizens and Urban Sustainability theme introduces key topics of sustainable and humanity urban development which enables to create a better living environment for citizens while preserving the life support systems of the planet. This theme provides a holistic approach to promote environmental sustainability and human wellbeing. It presents an overview of the digital innovations for smart urban living, the clean technologies and transfer processes as well as diverse methods for promoting wellbeing and social cohesion. Moreover, this theme includes case studies, methodologies and development results which have applied collaborative and user-driven living lab practices within the urban development.



Theme B. Citizens and Urban Sustainability



B1 ►

SUSTAINABLE AND INNOVATIVE URBAN PLANNING

Urban planning is a central tool for promoting better living environments in cities. Cities are facing new challenges such as the renewal of built environment and the transition of services as well as the integration of sustainability factors, such as urban climate, energy efficiency and green areas, into the planning process. Successful processes require also suitable project management and citizen participation to reach their targets. Digitalisation is adapted to facilitate effective, integrated urban planning and citizen participation. In this track, we call for innovative approaches and tools for sustainable urban planning.

B2 ►

CLEAN TECHNOLOGIES AND TRANSFER PROCESSES

Clean technologies includes all products, services, processes and technologies which promote the sustainable use of natural resources and reduce the environmental impacts. These can relate e.g. to material and energy efficiency, energy production and reduce of airborne emissions, clean water and waste water treatment as well as recycling activities and waste management. This track particularly invites case studies of transfer process and implementation of clean technologies.

B3 ►

DIGITAL LIVING

We are living in the world, where digital information and the digitalization is changing the word and our daily life rapidly. This trend seems to be speeding up all the time. Where ever we are or where ever we go, we find more and more possibilities to communicate, work and live our lives by using digital services. This track presents new trends and new views of digital development which will change our lives. This track invites research and case studies on the digital solutions, e.g. digitalization of public services that affect and change our everyday lives.

B4 ►

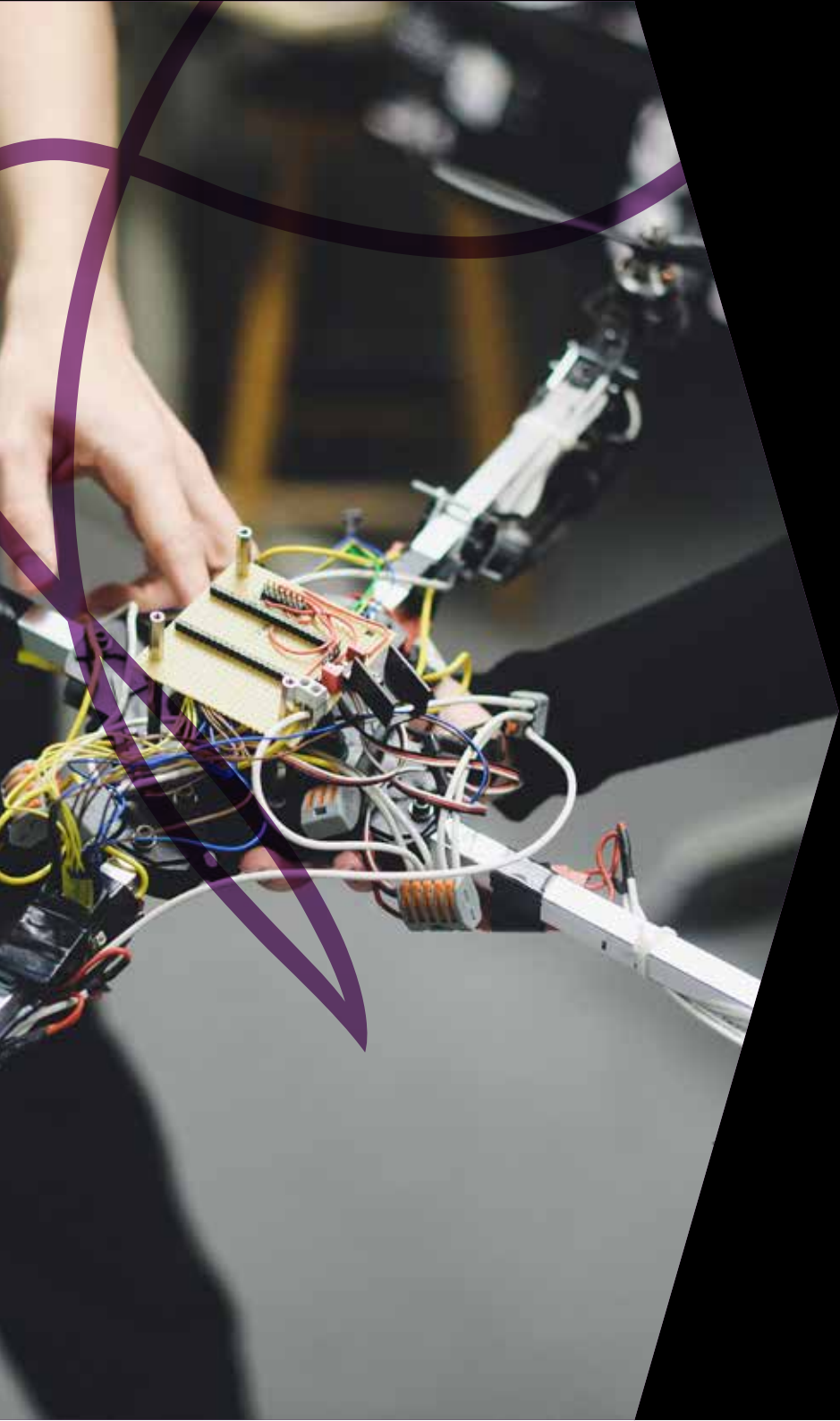
WELLBEING AND SOCIAL COHESION

In wellbeing and social cohesion, the key factors are health, inclusion and empowerment. Wellbeing and social cohesion provide the basis for individual and community growth as well as the foundation for healthy regional growth, the promotion of entrepreneurship and the regeneration of organizations. Different smart solutions to promote and strengthen wellbeing and social cohesion are invited to this track.

B5 ►

LIVING LAB ACTIVITIES

This track invites presentations of practical case studies, methodologies and development results which have applied collaborative and user-driven living lab practices within the urban development. Especially cases where citizens have participated in creating the urban solutions are welcomed. Also cases where specific urban use context is studied are of interest.



Theme C.

Smart Industry and Innovation

The world is in anticipation of a fourth industrial revolution. This revolution is driven by giant leaps in digital technologies and promises to radically alter the face of industry in the coming decades. The uptake of industrial internet and internet of things in manufacturing create new value chains for the traditional industries. Innovations will underline the importance of digital and sustainable business solutions as key drivers for success. Can regional economies and innovation systems respond to this? If entire development and production processes become digital, will regions and cities remain the key spatial units, where knowledge is transferred, and competition to attract investments and talents takes place?



Theme C. Smart Industry and Innovation



C1 ▶

PROMOTION OF ENTREPRENEURSHIP

An entrepreneurial attitude is characterized by initiative, pro-activity, independence and innovation. In addition to innovative ideas and business networks, these are the competences that a start-up entrepreneur will need to succeed. Special focus is given on social enterprises and development of start-ups.

C2 ▶

DIGITAL BUSINESS OPPORTUNITIES

The right skills, a sharp focus, and a passion for learning and adaptation are a must for enterprises to succeed in the digital universe of tomorrow. The digital revolution will continue to grow at a rapid pace and flood already saturated business infrastructures. Digitalization can offer a company a chance to rethink all operations and to improve responsiveness to customer needs and demands. This track invites research and case studies on the impact of digitalization to traditional industries as well as new market opportunities and jobs created by digitalization.

C3 ▶

CLEAN AND USER- DRIVEN DESIGN

Clean design combines clean tech and user-driven industrial design. It promotes technologies which use less material and natural resources during the manufacturing process. Material karma is about using surplus or recycled material and taking into account the whole lifecycle of the material. Clean design uses user-driven and cross-functional design processes. This track invites presentations of case studies, methodologies and development results which have applied clean design and user-driven practices within the urban development.

C4 ▶

COMMERCIALIZING INNOVATIONS

This track invites presentations of how enterprises can navigate critical decisions that face them in the effort of successfully commercializing an innovation in the marketplace. In addition, in this track cases of technology transfer from scientific research to commercialized products and services are called for.

C5 ▶

ALTERNATIVE FINANCING

Alternative financing channels are defined as all the nonmarket and non-bank sources, including internal finance (e.g., retained earnings) and alternative, external finance such as crowdfunding options. How do small business owners know when this is the right option for them? This track invites presentations of the examples of alternative financing channels and the case studies on successful utilization of such channels.



Submission

Please submit an abstract via electronic form by February 14, 2016. Abstracts will be peer reviewed and authors of proposals will be notified by March, 11th 2016. Full papers are requested by the end of July 2016.

IMPORTANT DATES

November 1, 2015: Abstract Submission opens

February 14, 2016: Abstract submission deadline

March 11, 2016: Notification of acceptance and instructions for writing the full paper or poster presentation

March 25, 2016: Closing of early bird registration

April 24, 2016: Registration closes

May 10–12, 2016: Conference

July 31, 2016: Full paper submission deadline

September, 2016: Conference Proceedings will be published online



Conference Keynotes

**KEYNOTE:
MARKKU MARKKULA**

Mr Markku Markkula is the President of the EU Committee of the Regions (CoR) with influential European roles and responsibilities. He works within Aalto University as the Advisor to Aalto Presidents. His previous work experience includes being the Director of the Lifelong Learning Institute Dipoli and the Secretary General of the International Association for Continuing Engineering Education IACEE. He is a former member of the Finnish Parliament (1995–2003). As an MP his international role included the Presidency of EPTA Council, European Parliamentary Technology Assessment Network.

**KEYNOTE:
DOUG CRAWFORD-BROWN**

Prof Crawford-Brown retired recently as Director of the University of Cambridge Centre for Climate Change Mitigation Research. He is Emeritus Professor in Environmental Sciences and Policy at the University of North Carolina in the US. He has advised governments and businesses on climate change, sustainability and environmental protection in the US, UK, Germany, Czech Republic, Austria, Thailand, Abu Dhabi, India, Taiwan, Japan, China, Mexico and France.

**KEYNOTE:
BRUCE ORECK**

Bruce Oreck served as the United States Ambassador to Finland from 2009 until 2015. During that time, he also served as the Chairman of the State Department's League of Green Embassies and in that capacity achieved the first LEED® Platinum embassy building anywhere in the world. Currently Ambassador Oreck is an Executive in Residence at Aalto University in Helsinki focusing on business and entrepreneurship. He also serves as a member of the Board of Directors of USGBC, the largest and most influential high performance building and urban redesign organization in the world.



Conference Keynotes

**THEME KEYNOTE:
SANJAY SRIVASTAVA**

Professor (Dr.) Sanjay Srivastava is Managing Director, Manav Rachna Educational Institutions (MREI) and Vice Chancellor, Manav Rachna University (MRU), India. A Transactional Analysis practitioner, an expert of Psychometric Profiling and a trained NLP practitioner, Dr. Sanjay Srivastava has also authored six books on International Human Resource Management and Strategies for Sustainable Growth.

**THEME KEYNOTE:
VIJAI VARDHAN**

Mr. Vijai Vardhan is an Indian Administrative Service (IAS) officer and is currently serving as Additional Chief Secretary, departments of Higher Education, Cultural Affairs, Archaeology & Museums and Archives, Govt. of Haryana. As an administrator, he has been instrumental in catalyzing the industrial, residential and commercial developments of various towns and cities of the region. He has contributed to the preservation of our rich cultural heritage by restoring the monuments of historical importance.

**KEYNOTE:
ALAN BARRELL**

Professor Alan Barrell, DBA, is Entrepreneur in Residence at the Centre for Entrepreneurial Learning, Judge Business School, University of Cambridge. He has spent some 30 years in senior executive positions in technology-based industries and has become one of Cambridge's most articulate promoters of entrepreneurship around the world. He has received a large number of honorary positions and is a lecturer in high demand at universities all over the world. Alan has been invited to Lahti University of Applied Science as the first Honorary Research Fellow of the university.

Conference programme

TUESDAY 10TH MAY

9.00 am	Registration		
9.30 am	Coffee		
10.00 am	Welcome address		
10.10 am	Keynote: Mr. Markku Markkula, President of the European Union Committee of the Regions		
10.55 am	Keynote: Prof. Doug Crawford Brown, University of Cambridge – World authority on Climate Change and Smart Cities		
11.40 am	Press conference & Signing of The Circular Economy Statement of Lahti		
12.00 pm	Lunch		
	PARALLEL SESSIONS		
1.00 pm	A. Future development of regions: theme key note Session: A1. Role and Impact of HEIs in Regional Development	B. Citizens and Urban Sustainability: theme key note Session: B1. Sustainable and Innovative Urban Planning	C. Smart Industry and Innovation: theme key note Session: C1. Promotion of Entrepreneurship
2.45 pm	Coffee Break		
	PARALLEL SESSIONS		
3.00–4.15 pm	Session: A2. Entrepreneurial Universities	Session: B3. Digital Living	Session: C3. Clean and User-oriented Design
	POSTER SESSIONS		
4.15–5.00 pm	A. Future development of regions: Poster session	B. Citizens and Urban Sustainability: Poster session	C. Smart Industry and Innovation: Poster session
7.00–9.00 pm	Conference dinner		

Conference programme

WEDNESDAY 11TH MAY

8.30 am	Registration			
8.45 am	Coffee			
9.00 am	Keynote 3 Bruce Oreck, Executive in Residence at Aalto University, How to build a viable and sustainable city?			
	PARALLEL SESSIONS			
9.45 am	Session C2 Digital Business Opportunities	Session B4 Wellbeing and Social Cohesion	Session A5. Changing worklife	Session B5 Living Lab Activies
	PARALLEL SESSIONS			
11.15 am	Session C4 Commercialising Innovations	Session B4 Wellbeing and Social Cohesion	Session A3 Cities and Regions in Value Creation	Session B2 Clean Technologies and Transfer Processes
12.30 apm	Lunch			
	PARALLEL SESSIONS			
1.30 pm	Session C5 Alternative Financing	Session B4 Wellbeing and Social Cohesion	Session A4 Smart Specialisation	WORKSHOP B2 Clean Technologies and Transfer Processes (Lead by Manav Rachna University)
2.45 pm	Coffee Break			
3.00–4.30 pm	Panel Discussion			
4.30–5.00 pm	Closing Keynote: Prof. Alan Barrell, Judge Business School, University of Cambridge			
7.00–9.00 pm	Pitches from sponsor companies Award show Cocktails and entertainment			

Conference programme

THURSDAY 12TH MAY

8.30 am	Gathering to FellmanniCampus		
8.40 am	PARALLEL COMPANY SITE VISITS		
9.00–12.00 am	SMART WELLBEIGN @ LAHTI	SMART DESIGN @ LAHTI	CIRCULAR ECONOMY @ LAHTI REGION
12.00 pm	Lunch @ NiemiCampus		
1.00–3.00 pm	SMART LEARNING ENVIRONMENTS @ FELLMANNICAMPUS <ol style="list-style-type: none"> 1. Learning environment, Neloskerros 2. Student-run mediahouse, M.Idea 3. Student-run campus radio, Limuradio 4. Future Campus in Lahti - M19 5. LAMK Entrepreneurship Society, LAMKES 6. Students cooperatives present: Motions 7. Future mobile service environment, Linkku 8. BYOD clinic ('Bring Your Own Device') 9. Young entrepreneurship and innovations <ol style="list-style-type: none"> a. NY Start Up Company closing event b. SENSE – business idea competition c. Cambridge Venture Camp 2015 –participants 10. Showroom Muotsikka 		
	PARALLEL WORKSHOPS		
3.00–5.00 pm	International student workshop - Quest for Smart City	International steering group workshop - Creating the Smart Cities in Smart Regions network	Other parallel workshops to be confirmed



Registration will open in February 29, 2016
Registration will close in April 24, 2016.



Registration

REGISTRATION FEES

380 € / Early Bird for 3 days

470 € / 3 days (registered after March 25, 2016)

280 € / student

Fee includes 3 day participation to the Conference (May 10–12, 2016) and additional events mentioned in the Conference Programme. All abstract presenters must register and pay the registration fee.

Should you have any questions about the registration, please contact us at smartlahti@lamk.fi

PAYMENT

Payment options include credit card payment and invoice. Note: Before starting your registration please get your credit card ready and also the 3 digit number, found from the back side of your credit card.

CANCELLATION POLICY

All changes in reservation and notifications of cancellation must be sent in writing to the Conference e-mail: smartlahti@lamk.fi

REFUND POSSIBILITIES

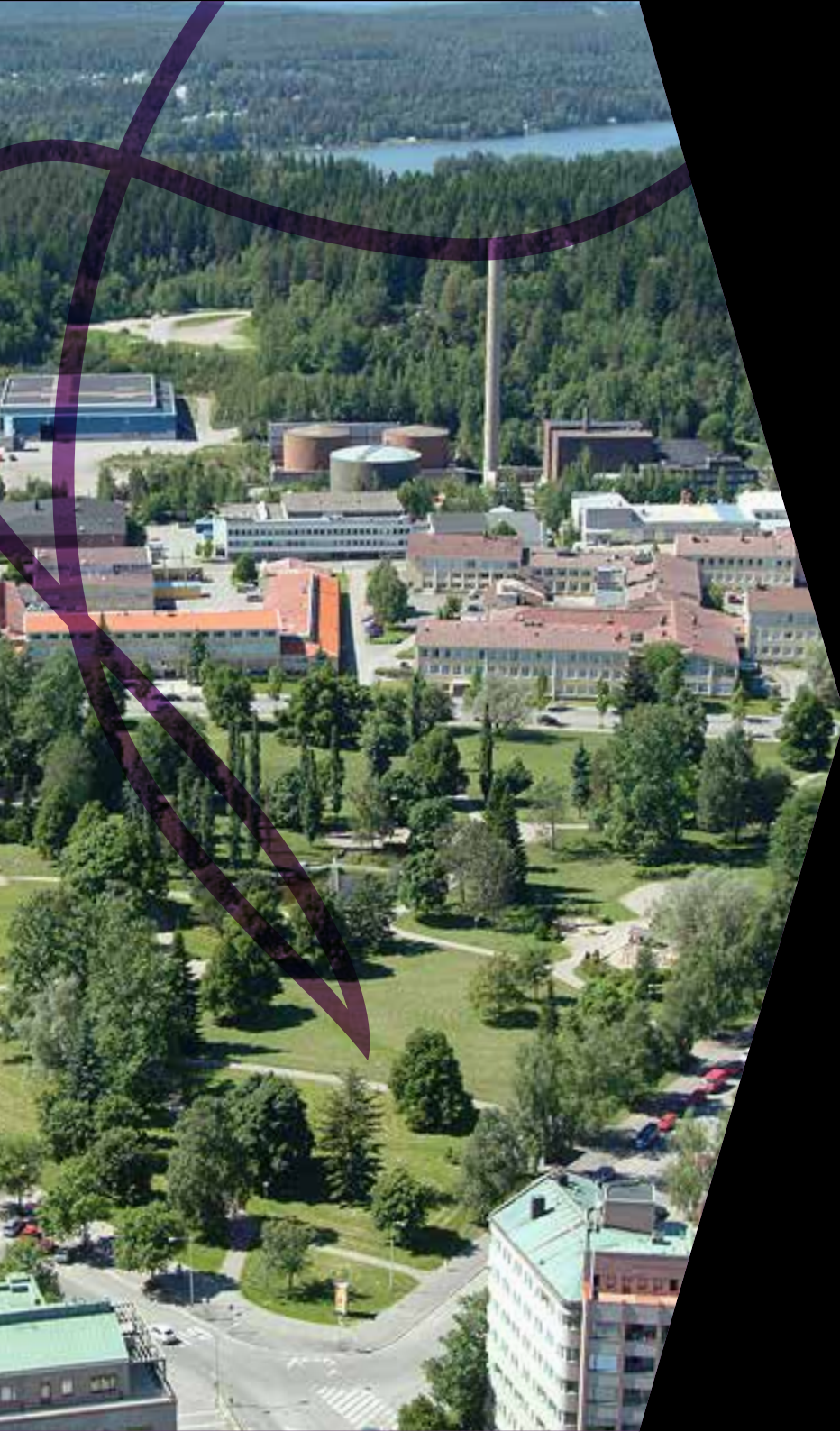
If the cancellation is received by March 25, 2016, payments will be refunded minus bank charges and a handling fee of 100 €. For cancellations made between March 26 to April 24, 2016, 50 percent of the amount charged will be refunded. No refunds are possible for cancellations received after April 24, 2016. No-shows are non-refundable.

After April 24, 2016, full refund (minus bank charges and handling fee of 100 €) is possible only due to medical reasons. In order to get the refund, note

of the cancellation must be sent to the Conference e-mail immediately (before beginning of the Conference) and a doctor's statement has to be attached also. Due to organisational reasons, all refunds will be processed after the Conference.

TRANSFER OF REGISTRATION

It is possible to transfer the registration to another person from your organization by sending an e-mail to the Conference e-mail: smartlahti@lamk.fi



Welcome to Finland and Lahti

HOW TO GET TO LAHTI

Lahti is located in the southern part of Finland and it's easily accessed from the Helsinki-Vantaa Airport and from around Finland.

From the airport the city of Lahti is most conveniently accessed by bus. There is a shuttle bus service to Lahti. Buses leave directly to Lahti from Platform 3 (terminal 1) and Platforms 13/14 (Terminal 2) directly in front of the arrival terminals. Buses leave from the airport every full hour. Travel time is approximately 1 ½ hours. Tickets may be purchased from the bus driver. Cash (Euros) and credit cards (Visa, MasterCard) are accepted.



Welcome to Finland and Lahti



ACCOMMODATION

We kindly ask all participants to make their reservations by contacting the hotel directly. A limited number of hotel rooms have been reserved for participants by the conference organizer. The code for the special priced rooms is SCSR.

→ [Hotel Reservation Options and Quotas](#)

CONFERENCE VENUE

The Smart Cities in Smart Regions 2016 Conference will be held in Lahti Finland at Sibelius Hall. The distance of city centrum by foot takes about 30 minutes to the hall. The venue address is Ankkurikatu 7, 15140 Lahti.

→ [Sibelius Hall](#)

CITY OF LAHTI

The City of Lahti is an urban environment with 200.000 residents and it is the fifth largest urban area in Finland. The city is known for its environmental expertise and for being a renowned center for design. City offers a good sort of activities throughout the year. Lahti is a walkable city so one of the best ways to explore the city is go by walk.

→ [Lahti region](#)

LAHTI UNIVERSITY OF APPLIED SCIENCES

Lahti University of Applied Sciences (Lahti UAS) is an internationally recognized and respected higher education institution. We aim at providing our students with extensive knowledge and the right skills to adapt to the demanding international and multicultural working life and society. We want our students to understand the influences and the development trends in an international context.

At Lahti UAS we believe that sustainable and active collaboration with partner universities, companies and other organisations in Finland and abroad enhances our activities and enriches our students' learning experience. Our agreements with more than 190 universities around the world secure mobility for our students and staff

→ [Lahti University of Applied Sciences](#)

PASSPORT AND VISA

Finland has been European Union member since 1995. Citizens of EU countries are not required a visa but a valid ID card or a passport is highly recommended. Citizens of other countries please contact us smart2016@lamk.fi after you have fulfilled the payment. Please be aware that the application time for a visa can take a couple of months.



Smart Cities in Smart Regions 2016

Contact us

For questions and inquiries, please contact
the project manager of the conference,
Anna Aalto (anna.aalto@lamk.fi Mob. +358 50 559 4046)
or send an e-mail to smartlahti@lamk.fi.

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