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**VENUE**  
University of Lapland  
Esko ja Asko Hall, Entrance F  
Yliopistonkatu 8  
Rovaniemi, Finland

**GETTING TO THE UNIVERSITY**  
Bus #4, #14, and #2 travel from the city center to the front of the University. It takes about 15–20 minutes to reach the University from the city center by foot.

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The 11th Annual Meeting of the EN RLMM will take place with the kind support of:



## 11th Annual Meeting of the

## EUROPEAN NETWORK ON REGIONAL LABOUR MARKET MONITORING (EN RLMM)

**DIGITAL (R)EVOLUTION AND ITS EFFECTS ON LABOUR:**  
  
Opportunities and Challenges for  
Regional and Local Labour Market Monitoring

**18 August 2016**

University of Lapland  
Esko ja Asko Hall, Entrance F  
Yliopistonkatu 8  
Rovaniemi, Finland







Dear Conference Delegates,

On behalf of the Regional Council of Lapland, I am delighted to invite you to our beautiful city of Rovaniemi. We have the pleasure to host the **11th Annual Meeting of the EN RLMM** in cooperation with the University of Lapland and the representatives of the Foresight Network of Lapland.

Although Lapland is the northernmost region in the EU, and one of the most peripheral ones, the international dimension has always been part of the everyday lives of its people. Arctic cooperation plays a key role in view of Lapland, considering that the importance of Arctic regions is growing globally. The venue of the conference, The University of Lapland, is the northernmost university in the EU.

This year, the conference focuses on a very current topic, the digitalisation. We will hear and interesting examples and experiences under the theme of **Digital (R)evolution and Its Effects on Labour**. We are happy to introduce to you some examples from our region. You will hear how we use technology in rural areas to help aging villages and how the digitalisation has changed and will change the ways of work in different industries in Lapland.

Digitalisation has and will have major impacts on our region, since Lapland is a region of arctic environment, long distances, sparsely populated areas and aging population. In the near future, digitalisation will play an important role of creating new possibilities and means for our region not only to survive, but also thrive.

On behalf of myself and the Regional Council of Lapland, I warmly welcome you to the conference with a Lappish twist!

Mika Riipi

**County Governor**  
Regional Council of Lapland



The European Network on Regional Labour Market Monitoring (EN RLMM) focuses on innovative approaches for the monitoring of labour markets in regions and localities across Europe.

Through various activities such as issuing annual anthologies and organising conferences, it seeks to further the concepts and instruments in regional and local labour market monitoring and to diffuse the common approaches developed through discussions and co-operation.



In 2016, the 11th Annual Meeting of the EN RLMM will take place in the City of Rovaniemi, Finland. Embraced by two great rivers, Ounasjoki and Kemijoki, a growing city strong in international trade, administration and education has taken form. Thanks to its location, Rovaniemi has grown naturally into the capital of Lapland with a pulse of its own that is suitably calming yet invigorating – it is the beating heart of Lapland. Within ten kilometres of the city centre, you can find undisturbed nature and a busy international airport. The colours of Rovaniemi speak to Finland and Europe about a northern and Arctic culture and people who are perfectly adapted to nature.



The venue of the European Day of the EN RLMM is the University of Lapland, established in 1979. In collaboration with the regional stakeholders, the international and vibrant university community at the Arctic Circle addresses the topics of sustainable development, well-being and equality in the region.

## DIGITAL (R)EVOLUTION AND ITS EFFECTS ON LABOUR

18 August 2016

15:45-17:00

### **WORKING GROUP 1: Digitalisation and Changes in the World of Work (F2063)**

**Dr Vyacheslav Bobkov** (All-Russian Centre of Living Standard), **Dr Irina Novikova** (Moscow Academy of Business) and **Dr Igor Shichkin** (Plekhanov Russian University of Economics) (Russia)

#### **Moderators:**

**Prof Renato Fontana**, La Sapienza University (Rome, Italy)

**Dr Tine Andersen**, Danish Technological Institute (Aarhus, Denmark)

### **WORKING GROUP 2: Effects of Digitalisation on Different Target Groups of Labour Market Policies, Occupations and Sectors (F2066)**

#### **Moderators:**

**Wolfgang Greif**, Vice-President of the Section on Employment, Social Affairs and Citizenship (EESC) and Rapporteur of the EESC opinion on the 'Effects of digitalisation on service industries and employment' (Brussels, Belgium)

**Prof Mario Mezzanica** and **Silvia Dusi**, CRISP/University of Milano-Bicocca (Milan, Italy)

### **WORKING GROUP 3: Effects of Digitalisation on Skills (F2059)**

#### **Moderators:**

**Dr Andrew Dean**, the University of Exeter (Exeter, UK)

**Katri Kuusela**, the University of Lapland (Rovaniemi, Finland)

### **WORKING GROUP 4: Establishing Information Systems in the Digital Era: Chances and Challenges for Countries in Transition (F2060)**

#### **Moderators:**

**Dr Christa Larsen**, IWAK/Centre of Goethe University Frankfurt am Main (Germany)

**Rolf Keil**, Hessian Ministry for Social Affairs and Labour (Wiesbaden, Germany)

## DIGITAL (R)EVOLUTION AND ITS EFFECTS ON LABOUR:

### Opportunities and Challenges for Regional and Local Labour Market Monitoring

Digitalisation is not a new phenomenon in the world of work—even though in some respect it has revolutionised the world of work in the past decades, it is a process that has followed an evolutionary course for a long period of time. There have been various attempts to assess its effects on labour in terms of:

- Available volume of work
- Organisation of work
- Legal aspects of working relationships
- Qualification requirements
- Working conditions and workplace security

At the 11th Annual Meeting of the EN RLMM, we will discuss the changes taking place in these different fields of the world of work as a consequence of digitalisation. In doing so, we will consider the latest insights from applied labour market research and explore how they can be incorporated into labour market monitoring.

Hereby, our particular focus will be on regional and local contexts, which vary considerably across European countries. Whilst our host region Lapland demonstrates how remote regions can use digitalisation for the provision of various health and welfare services, the challenges and opportunities of digitalisation for federalist states or densely populated regions and localities are very different. The Annual Meeting will look at these developments from various angles and discuss how regional and local labour market actors can not only react to the changes by taking them into account in their labour market monitoring activities, but also how they can incorporate this knowledge in their regional strategies.

**The conference language is English and the participation is free of charge.**

## DIGITAL (R)EVOLUTION AND ITS EFFECTS ON LABOUR

18 August 2016

9:00-9:30 Registration

9:30-10:30

### WELCOME SPEECHES

**Prof Antti Syväjärvi**, Dean, University of Lapland, Faculty of Social Sciences (Rovaniemi, Finland)

**Dr Harri Ihalainen**, Chief Information Officer, City of Rovaniemi (Rovaniemi, Finland)

### KEYNOTE SPEECHES

**Pavel Trantina**, President of the Section on Employment, Social Affairs and Citizenship of the EESC (Brussels, Belgium)

**Jukka Kopra**, Committee for the Future (Finland)

### PRESENTATIONS

10:30-11:50

#### Digitalisation and Changes in the World of Work

**Dr Arja Kilpeläinen**: Everyday Life of Ageing Rural Villages with Technology-enhanced Rural Social Work, University of Lapland

**Comments: Prof Patrizio Di Nicola**, ISTAT (Rome, Italy): The Light and Dark of the Digital Labour Market: From Smart Working to the Uberisation of Work

**Prof Renato Fontana**, **Vera D'Antonio**, **Dr Martina Ferrucci** and **Carmine Piscopo**, La Sapienza University (Rome, Italy): The Bearable Lightness of Sharing Economy: Digital Revolution of the Economy or Cultural Revolution of Relations?

Moderation: **Dr Christa Larsen**, IWAK/Centre of Goethe University Frankfurt am Main (Frankfurt am Main, Germany)

11:50-12:05 Coffee break

12:05-13:00

#### Effects of Digitalisation on Different Target Groups of Labour Market Policies, Occupations and Sectors

**Vladimíra Drbalová**, Vice-President of the Labour Market Observatory, European Economic and Social Committee (Brussels, Belgium)

**Pirita Jokikäärre**, Regional Council of Lapland: The Effects of Digitalisation on Different Industries and the Region: The Case of Lapland (Rovaniemi, Finland)

## DIGITAL (R)EVOLUTION AND ITS EFFECTS ON LABOUR

18 August 2016

**Pia Yliräisänen-Seppänen**, VIRTU (Virtual Health Care and Social Services) and **Toni Kurvinen**, Arctic Connect (Rovaniemi, Finland)

Moderation: **Prof Alfons Schmid**, IWAK/Centre of Goethe University Frankfurt am Main (Frankfurt am Main, Germany)

13:00-14:00 Lunch and visiting ONNI—the welfare station on wheels

14:00-14:30 Group photo at the ONNI welfare station

14:30-15:30

#### Effects of Digitalisation on Skills

**Dr Aline Valette-Wursthén**, Céreq (Marseille, France): Digitalisation of Jobs and Continuous VET in France: Preliminary Results of a New Survey

**Prof Aleksander Surdej** and **Prof Jan Brzozowski**, Cracow University of Economics (Cracow, Poland): Digital Natives and Productivity: The Role of Universities in Providing ICT Skills to Increase the Productivity Potential

**Dr Andrew Dean**, the University of Exeter (Exeter, UK): The Innovation Exeter *Data Analytics Skills Escalator*: An Example of a Regional Strategy

Moderation: **Dr Moreno Baruffini**, ERI/University of Lugano (Lugano, Switzerland)

15:45-17:00

### WORKING GROUPS

17:00-17:30

#### PLENARY DISCUSSION AND CLOSING REMARKS

Moderation: **Dr Martina Ferrucci**, La Sapienza University (Rome, Italy) and **Dr Andreas Mångs**, Arbetsförmedlingen (Stockholm, Sweden)

17:30-17:45

#### Insights from the EN RLMM Big Data Working Group

17:45-18:00

#### Invitation to the next EN RLMM Annual Meeting: Tirana, Albania 2017

From 19:30

Sponsored Conference dinner at Oppipoika Restaurant (Korkalonkatu 33)