2020

SMART SOC

ONLINE WORKSHOP PROGRAMME

DAY 01

ONLINE
Microsoft Teams

Wednesday September 2, 2020
09:00 CET

09:00 AM: GREETINGS FROM ZILINA
Introductory information
[20']

09:20 AM: IMPORTANT QUESTIONS BEFORE YOU START YOUR BUSINESS AND COMMON UNDERSTANDING OF INNOVATION
Rober Lahdo, DHBW Mannheim
What are the characteristics of social entrepreneurship? Important questions that your idea/technology should answer before you start.
[40'] LECTURE

10:00 AM: SMART SPECIALIZATION: STRENGTHENING INNOVATION IN EUROPE'S REGIONS
Peter Marton, University of Zilina
Smart specialisation brings together local authorities, academia, business spheres and the civil society, working for the implementation of long-term growth strategies supported by EU funds.
[30'] LECTURE

RECORDED LECTURES
Available on the SmartSoc Moodle in the frame of the **2020 Online Workshop** course

MOBILITY AS A SERVICE
Ivana Gace, University of Zagreb
Challenges and opportunities of MaaS and improvement of current mobility with real-life examples.

INTERNET OF THINGS - WHAT IT OFFERS AND WHAT WE (WILL) NEED
Katarina Mandaric, University of Zagreb
Improving quality of life with IoT and detailed information about application Ambient Assisted Living which aims to take pressure off health care systems.

SOCIETAL ASPECTS OF 3D PRINTING
Marianna Zichar, University of Debrecen
The presentation aims to provide an insight to some application possibilities of 3D printing that can beneficial for the society. During the discussion of some case studies, main characteristics of 3D printing will be identified.

CREATING 3D MODEL FROM DATA COLLECTED WITH DIGITAL DEVICES - A HANDS-ON APPROACH
Ildiko Papp, University of Debrecen
3D models are required for visualization or production. The lecture is an overview of 3D scanning technologies that capture the surface of the objects. In addition, the lecture is focused on how to process CT/MRI images that also describe the interior of things.

2030 AGENDA FOR SUSTAINABLE DEVELOPMENT - A UNIVERSAL CALL TO SAFE OUR PLANET
Peter Marton, University of Zilina
Smart ideas and solutions hold the key to achieve 17 goals of UN 2030 Agenda for Sustainable Development.

TIPS FOR THE COOL PRESENTATION
Michal Varmus, University of Zilina
Use of modern graphic elements, verbal and non-verbal techniques to engage and convince the audience.

DAY 02

ONLINE
Microsoft Teams

Thursday September 3, 2020
09:00 CET

09:00 AM: DAY 02 AGENDA
Information, instructions, questions
[10']

09:10 AM: TELECOMMUNICATION TECHNOLOGIES SUPPORTING INTELLIGENT TRANSPORT SYSTEMS (ITS)
Mate Liszi, Szechenyi Istvan University
How the Information and communications technology will satisfy the demands of the ITS.
[30'] LECTURE

09:40 AM: CIVIC INTEGRATION VS MULTICULURALISM, DAILY CHALLENGES IN THE EUROPEAN SOCIAL SPACE
Istvan Polgar, University of Oradea
The lecture aims to one of the significant challenges of contemporary Europe, which is related to migration and the need for European integration of minority communities, including immigrants.
[50'] LECTURE

10:30 AM: COFFEE BREAK **[10']**

10:40 AM: DIGITALIZATION AND SUSTAINABILITY OR SUSTAINABILITY AND DIGITALIZATION?
Lutz Buechner, European Institute for Labour and Industrial Relations
Sustainability as a key challenge of Digitalization for both politics and companies.
[30'] LECTURE

11:10 AM: DIGITAL GREENTECH - ENVIRONMENTAL TECHNOLOGY MEETS DIGITIZATION
Nils Andreas, European Institute for Labour and Industrial Relations
Automated sensors for water analysis, especially for determining the bacterial load using flow cytometry.
[30'] LECTURE

11:40 AM: SUMMARY DAY 02
Questions, summary
[10']

DAY 03

ONLINE
Microsoft Teams

Friday September 4, 2020
09:00 CET

09:00 AM: DAY 03 AGENDA
Information, instructions, questions
[10']

09:10 AM: AUGMENTED AND VIRTUAL REALITY FOR ENHANCING THE VISITOR EXPERIENCE OF MUSEUMS
Maria Carmen Bachiller Martin, Polytechnic University of Valencia
How augmented and virtual reality can enrich the experience of visiting a museum, an exhibition or any cultural event.
[30'] LECTURE

09:40 AM: SMART SPECIALIZATION: STRENGTHENING INNOVATION IN EUROPE'S REGIONS
Jorma Imppola, Seinäjoki University of Applied Sciences
The definition, significance, current situation and the future of sustainable management.
[30'] LECTURE

10:10 AM: COFFEE BREAK **[10']**

10:20 AM: CONSULTATIONS WITH SUPERVISORS
ES01 - Robert Lahdo, Peter Marton
ES02A - Mate Liszi, Eva Malichova
ES02B - Peter Gulyas
ES03 - Jorma Impolla, Jana Makysova
ES04 - Marianna Zichar, Ildiko Papp
ES05 - Maria Carmen Bachiller Martin, Gemma Pinero Sipan
ES06A - Michal Hodon, Emese Tokarcikova
ES06B - Michal Varmus
ES07 - Katarina Mandaric, Jurica Babic
Individual team consultations with supervisors.
[60'] CONSULTATIONS

DAY 04

ONLINE
Microsoft Teams

Monday September 7, 2020
09:00 CET

09:00 AM: DAY 04 AGENDA
Information, instructions, questions
[10']

09:10 AM: MAIN CHALLENGES IN ICT AND SOFTWARE ENGINEERING
Goran Martinovic, J.J. Strossmayer University of Osijek
Overview of the hot topics in the area of software engineering that are shaping the objectives of future smart solutions.
[30'] LECTURE

09:40 AM: COFFEE BREAK **[10']**

09:50 AM: INTERCULTURAL COMMUNICATION AND COLLABORATION
Catherine Sable, Alison Gourves-Hayward, IMT Atlantique
Learn what difficulties can occur when you are working within an international team, due to cultural background.
[90'] WORKSHOP

11:20 AM: SUMMARY DAY 04
Questions, summary
[10']

DAY 05

ONLINE
Microsoft Teams

Tuesday September 8, 2020
09:00 CET

09:00 AM: DAY 05 AGENDA
Information, instructions, questions
[10']

09:10 AM: CYBERSECURITY: TECHNICAL CHALLENGES AND BUSINESS OPPORTUNITIES
Andrei Costin, University of Jyväskylä
The lecture we will overview what are the hottest technology trends in cybersecurity, what are the most important technical challenges to tackle or prepare for.
[30'] LECTURE

09:40 AM: DIGITAL TRUST IN A SMART SOCIETY: TECHNOTRUST FROM A COGNITIVE SCIENTIFIC PERSPECTIVE
Rebekah Rousi, University of Jyväskylä
The lecture gives an overview on facets of smart societies and their design, and their implications on trust, through drawing on constructive psychological and cognitive insight.
[30'] LECTURE

10:10 AM: COFFEE BREAK **[10']**

10:20 AM: FINAL TEAM PRESENTATION
ES01 [presentation 10' + discussion 10']
ES02A [presentation 10' + discussion 10']
ES02B [presentation 10' + discussion 10']
ES03 [presentation 10' + discussion 10']
[80'] STUDENTS' WORK

11:40 AM: SUMMARY DAY 05
Questions, summary
[10']

DAY 06

ONLINE
Microsoft Teams

Wednesday September 9, 2020
09:00 CET

09:00 AM: DAY 06 AGENDA
Information, instructions, questions
[10']

09:10 AM: MAKE CITIES SUSTAINABLE: THE CASE OF MATCHUP PROJECT
Gemma Pinero Sipan, Polytechnic University of Valencia
Innovative solutions in the fields of energy, mobility, ICT and citizens engagement.
[30'] LECTURE

09:40 AM: COFFEE BREAK **[10']**

09:50 AM: FINAL TEAM PRESENTATION
ES04 [presentation 10' + discussion 10']
ES05 [presentation 10' + discussion 10']
ES06A [presentation 10' + discussion 10']
ES06B [presentation 10' + discussion 10']
ES07 [presentation 10' + discussion 10']
[100'] STUDENTS' WORK

11:30 AM: CLOSING OF THE 2020 ONLINE WORKSHOP AND THE SMARTSOC 2020 BLENDED MOBILITY
[15']