Topics & Chairpersons

1. **Sustainable Energy, Transport, Mobility for Smart Cities**
   - Chaiperson(s): Escaño & Harmaala
   - Place: 2nd floor, room 2002

2. **Ageing & Wellbeing**
   - Chaiperson(s): Atreya & Rowell
   - Place: 8th floor, room 8202

3. **Tourism, Arts & Heritage**
   - Chaiperson(s): Holmberg & Tei
   - Place: 6th floor, room 6213

4. **Sustainable Entrepreneurship and Impact**
   - Chaiperson(s): Lassila & Paasio
   - Place: 2nd floor, room 2202

5 & 6. **Digitalization, Robotics and Cybersecurity Transforming the Future & Applied AI for Business and Education**
   - Chaiperson(s): Humala & Kupiainen
   - Place: 1st floor, Auditorium

7. **Socio-ecological Sustainability**
   - Chaiperson(s): Buttschardt & Nyberg
   - Place: 2nd floor, room 2204
# Timetable

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic 1</th>
<th>Topic 2</th>
<th>Topic 3</th>
<th>Topic 4</th>
<th>Topics 5 &amp; 6</th>
<th>Topic 7</th>
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<tbody>
<tr>
<td>11:00</td>
<td>Aldarraji (virtual)</td>
<td>Kruja (virtual)</td>
<td>Loya Montiel (virtual)</td>
<td>Wieser (virtual)</td>
<td>Aunimo</td>
<td>Leone</td>
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<td>11.15</td>
<td>Tenorio-Alfonso (virtual)</td>
<td>Sánchez-Trigo (virtual)</td>
<td>Toro Piqueras (virtual)</td>
<td>Shrestha (virtual)</td>
<td>Aguilar Moreno</td>
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<td>11.30</td>
<td>Falah (virtual)</td>
<td>Rodríguez (virtual)</td>
<td>Dezfoulian (virtual)</td>
<td>Thavisay</td>
<td>Marrón-Esquivel</td>
<td>Cerruti</td>
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<td>11.45</td>
<td>Gachkar (Sadaf)</td>
<td>Martín-López (virtual)</td>
<td>Toro-Sánchez</td>
<td>Römer-Paakkanen</td>
<td>Koskinen</td>
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<td>12.00</td>
<td>Ingber</td>
<td>Zamorano-Aguilar (virtual)</td>
<td>Simmarrano</td>
<td>Thapaliya</td>
<td>Galvin</td>
<td>Morón-Ortiz</td>
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<td>12.15</td>
<td>Dorado Galatoire</td>
<td>Sethi</td>
<td>Priarone</td>
<td>Holmberg</td>
<td>Velo</td>
<td>García-Pardo</td>
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12:30-13:30: Lunch break
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<th>Topic 7</th>
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<tr>
<td>13:30</td>
<td>Gachkar (Darya)</td>
<td>Romero-Herrera</td>
<td>Rodríguez Roldán</td>
<td>Raisova</td>
<td>Crespo-Rincón</td>
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<td>13.45</td>
<td>Costa</td>
<td>Gallardo-Fernández</td>
<td>Rodríguez Pérez</td>
<td>Deki</td>
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<td>14.00</td>
<td>Pierrefite-Carle</td>
<td>Suominen</td>
<td>Puma Flores</td>
<td>Romero-Martín</td>
<td>Romero-Jiménez</td>
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<td>Ortega-Campos</td>
<td>Gomzález-Vázquez</td>
<td>Puhakainen</td>
<td>Domínguez Cid</td>
<td>Jung-Majanen</td>
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<td>14.30</td>
<td>Villa del Pino</td>
<td>Piccardo</td>
<td>Rabgay</td>
<td>Tuomi</td>
<td>Sechi</td>
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<td>14.45</td>
<td>Fernández Scagliusi</td>
<td>Company Almagro</td>
<td>Cascajosa-Lira</td>
<td>Capitán-Agudo</td>
<td>Ozuni</td>
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**15:00-15:30: Coffee break**
## Timetable

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<td>15.30</td>
<td>Jiménez Rus</td>
<td>Onofrejová</td>
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<td>Septiáni (virtual)</td>
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<td>Rey-Álvarez (virtual)</td>
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<td>Urrea (virtual)</td>
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<td>16.00</td>
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<td>16.15</td>
<td>Lozano-Gómez</td>
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<td>17.00</td>
<td>Quiñones-Cañete</td>
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<td>17.15</td>
<td>Mora-Romero</td>
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<td>17.30</td>
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<td>17.45</td>
<td>Serrano-Alarcón</td>
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List of presentation
(arranged by topics and in order of presentation)

TOPIC 1 (Sustainable Energy, Transport, Mobility for Smart Cities)


TENORIO-ALFONSO – Fumed silica nanoparticle D-limonene nanofluids as a platform for heat transfer at low-temperature conditions

FALAH – Application of circularity tools for evaluation the sustainability of urbanization process (case study: city of Seville)

GACHKAR (Sadaf) – Building Information Modelling and Advanced Technologies in Life Cycle Assessment of Refurbishment of Buildings in Spain

INGBER – How does Lithium electrodeposit in open-porous Cu micro-foams for Zero-Excess Lithium Metal Batteries?

DORADO GALATOIRE – Final electricity demand: Understanding the behaviour of the Spanish large consumers for their incorporation to the energy transition

GACHKAR (Darya) – Life Cycle assessment of vertical green systems of landscaping through the “BIM” and “Advanced Technologies” in Spain

COSTA – Pathways to build back better: comparing Italy, France and Spain strategies to face green and smart transition of infrastructural network
List of presentation
(arranged by topics and in order of presentation)

**TOPIC 2 (Ageing & Wellbeing)**

**KRUJA** – Exploring the Link Between Blue-Green Spaces and Well-being: A Survey of Shkodra’s Lake, Albania

**SÁNCHEZ-TRIGO** – Wearable Technology for Osteoporosis Prevention: Effects of a Non-Supervised Physical Activity Program

**RODRIGUEZ** – The Lighting Behavior in Middle Level Homes in Ciudad Victoria Tamaulipas, Mexico from the Perspective of the Sick Building Syndrome

**MARTÍN-LÓPEZ** – Modeling chronic cervical spinal cord injury in aged rats for cell therapy studies

**ZAMORANO-AGUILAR** – Effect of apocarotenoids on β-Amiloyd model in Caenorhabditis elegans as a proxy for Alzheimer disease

**SETHI** – Best Practices to Ensure the Wellbeing of Autistic Air Travelers

**ROMERO-HERRERA** – Skeletal muscle oxidative and energetic balance during adolescence in rats is disturbed by binge drinking

**GALLARDO-FERNÁNDEZ** – Hydroxytyrosol Decreases LPS- and α-Synuclein-Induced Microglial Activation In Vitro

**PIERREFITE-CARLE** – Aging, cancer and environment in bone physiopathology: Role of autophagy

**ORTEGA-CAMPOS** – Interactions of circadian clock genes with the hallmarks of cancer

**VILLA DEL PINO** – Analysis of adherence to physiotherapy treatment based on pelvic floor muscle exercise in male urinary incontinence

**FERNÁNDEZ SCAGLIUSI** – Bioimpedance Spectroscopy-Based Edema Supervision Wearable System for Noninvasive Monitoring of Heart Failure
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**TOPIC 2 (Ageing & Wellbeing)**

**JIMÉNEZ RUS** – Women’s oral microbiome in hyposalivation aging-related and disease

**SOLDÁN-HIDALGO** – Galectin-3 shapes toxic alpha-synuclein strains in Parkinson’s disease

**RIVERA-RAMOS** – Aged microglia promote pro-inflammatory microenvironment and tumour growth arrest

**LOZANO-GÓMEZ** – Long-Life Wellness from an Architectural Perspective

**KIVIAHO-KALLIO** – If I Were a Silver Swan: An arts-based dialogue with the ageing body

**TRAVERSA** – Assessing the willingness to use an innovative LTP service for seniors: the Genoese case of SilverBus

**QUIÑONES-CAÑETE** – Role of NICD overexpression in the cerebral vasculature of an Alzheimer’s disease mouse model

**MORA-ROMERO** – Microglia mitochondrial complex I deficiency induces glial dysfunction, cognitive deficit, and early lethality

**GALLEGO-LÓPEZ** – Folic acid homeostasis and its pathways related to hepatic oxidation in adolescent rats exposed to binge drinking

**SERRANO ALARCÓN** – Personalised sleep medicine through the development of digital twins
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**TOPIC 3 (Tourism, Arts & Heritage)**

**LOYA MONTIEL** - Typification of facades in historical housing in Los Mochis, Sinaloa, Mexico

**TORO PIQUERAS** - The Sublimation of Looking: Aesthetics of Mysticism in the Cinema of Abbas Kiarostami

**COMPANY DEZFOULIAN** - Role of the Intangible Cultural Heritage recognized by UNESCO as a Regenerative Tourism resource. Case study: Nowruz, the Persian new year celebrations

**TORO-SÁNCHEZ** - Model of integration of Fishing Tourism in the destination Tarifa (Spain). A sentiment analysis with face recognition and machine learning techniques

**SIMMARARANO** - Translation in music: the exportation of modern culture through the translation music lyrics

**PRIARONE** - Sustainable tourism in inner areas. The case of Val di Vara (Liguria, Italy)

**RODRÍGUEZ ROLDÁN** - Foreign women artists in Spain between 1914 and 1936 and the artistic and social revolution of Spanish women

**RODRÍGUEZ PÉREZ** - Creating discourses, integrating ideas: The Antonine Chancery as the first large-scale European communication network

**SUOMINEN** - Effects of medium-sized opera festival on hotel sector in Finland, a differences-in-differences approach

**GONZÁLEZ VÁZQUEZ** - Ethnopharmacological studies, a win-win for society and depopulated rural areas: the case of the Sierra de Aracena y Picos de Aroche Natural Park, southern Spain

**PICCARDO** - The Cineversity experience: 15 months of permanent festival of cinema as public engagement action

**COMPANY ALMAGRO** - Students of Tourism as Hotel Representatives engaged in Mediated Service Encounters: A Pragmatic Analysis

**ONOFREJOVÁ** - Contribution to Human Maintenance as Tool For Sustainable Health
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**TOPIC 4 (Sustainable Entrepreneurship and Impact)**

**WIESER** – Inclusive and sustainable leadership in family firms: a cross-cultural approach among Japan and Austria

**SHRESTHA** – Entrepreneurial aspirations of Students. Ambiguity, Interactions and Fluidity

**THAVISAY** – Is Case Challenge an Entrepreneurial Motivational Tool?

**RÖMER-PAAKKANEN** – Active Ageing for 50+ Entrepreneurs and Sustainable Development for Rural Areas

**THAPALIYA** – Challenges and opportunity in entrepreneurship growth in Nepal

**HOLMBERG** – Coaching as a tool to enhance entrepreneurship among university students

**RAISOVA** – Creative Networks Learning

**DEKI** – Assessing the quality level of Entrepreneurship Trainings in Higher Education in Bhutan

**PUMA FLORES** – Promoting sustainability, Corporate Social Responsibility, and online presence of companies: B2B Reputation model for food exporters

**PUHAKAINEN** – Exploring Sustainability Competence Needs in the Finnish Tourism and Hospitality Industry

**RABGAY** – Assessment of the Entrepreneurship Ecosystem in Bhutan, Nepal and Laos

**CASCAJOSA-LIRA** – Toxicity evaluation of propil-propane thiosulphonate, a new additive for animal feed
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**TOPIC 5 & 6 (Digitalization, Robotics and Cybersecurity Transforming the Future & Applied AI for Business and Education)**

- **AUNIMO** – Mining user sentiment on healthcare during COVID-19
- **AGUILAR MORENO** – Analysing opinions on the COVID-19 passport using Natural Language Processing (NLP)
- **MARRÓN-ESQUIVEL** – A comparative study of the inter-observer variability on Gleason grading against Deep Learning-based approaches for prostate cancer
- **KOSKINEN** – Artificial intelligence in international business research: a systematic literature review
- **GALVIN** – Legal Analysis of the Use of Robots in Medicine
- **VELO** – Cognitive Cyber Security: An approach applied to Phising
- **CRESPO-RINCÓN** – Information society and socio-economic characteristics in Europe. A typology of regions
- **ALONSO – AGORA** - Automated Generation of Test Oracles for REST APIs
- **ROMERO-MARTÍN** – What role do Information and Communication Technologies play in fuelling animosity? Delving into the transmission channels through affective polarization is transmitted online
- **DOMÍNGUEZ CID** – Identification of olives in Hyperspectral Images using lightweight classifiers for green table olives
- **TUOMI** – Human-Computer Interaction in the Age of GenAI: Implications of Simulacra for Service Business
- **CAPITÁN-AGUDO** – Summary of Analyzing How Process Mining Reports Answer Time Performance Questions
- **SEPTIANI** – Artificial intelligence in the classroom: it’s not about the software, it’s about the learner-AI creative engagement
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**TOPIC 7 (Socio-ecological Sustainability)**

**LEONE** - Advancing Science and Society: Unveiling the Societal Readiness Level (SRL) for Holistic Integration of Innovations

**CALDERÓN** – Mapping Residential Segregation, Socio Spatial Inequalities and Spatial Patterns Through Machine Learning Tools. A Socio Ecological and Sustainability Challenge

**CERRUTI** – Politics and city growth in Italy: do connections matter?

**OBANDO** – Exploring the Circular Economy of Electrical and Electronic Equipment: A Comprehensive Analysis of Consumer Electronics

**MORÓN-ORTIZ** – Green ultrasound-assisted extraction of carotenoids from phytoene-enriched Chlorella sorokiniana microalgae: influence of grinding and evaluation of the environmentally friendly solvents

**GARCÍA-PARDO** – Characterising seasonal dynamics of urban vegetation at a neighbourhood scale: Application of very high-resolution satellite imagery

**MACÍAS-RECIO** – Catastrophic aesthetics. A new term for the resurgence of sensitivities

**HERRERO-GÓMEZ** – Enhancing symbiotic dialogue through rhizobial membrane vesicles

**ROMERO-JIMÉNEZ** – Nitrate Regulation of Chloride Uptake in Higher Plants and Identification of Transport Mechanisms

**JUNG-MAJANEN** – Map and Gap Analysis of Sustainable Packaging from Art/Design and Learning Perspectives

**SECHI** – The mother hen effect and students’ mobility

**OZUNI** – Local Public Service Delivery: The Italian Practice

**REY-ÁLVAREZ** – Life Cycle Assessment and biohabitability. Adaptation of the LCA methodology to include criteria of environmental health in building systems