PROGRAMME

Updated August 30th, 2020

ESOF2020

EUROSCIENCE OPEN FORUM

T R I E S T E

September 2 - 6, 2020

Note

All sessions in the programme (physical, hybrid and virtual) will be live-streamed.

Full registration allows access to physical, hybrid, online, and on demand sessions.

https://www.esof.eu/en/register.html

Online registration allows access to live-streamed sessions, including open access.

Key
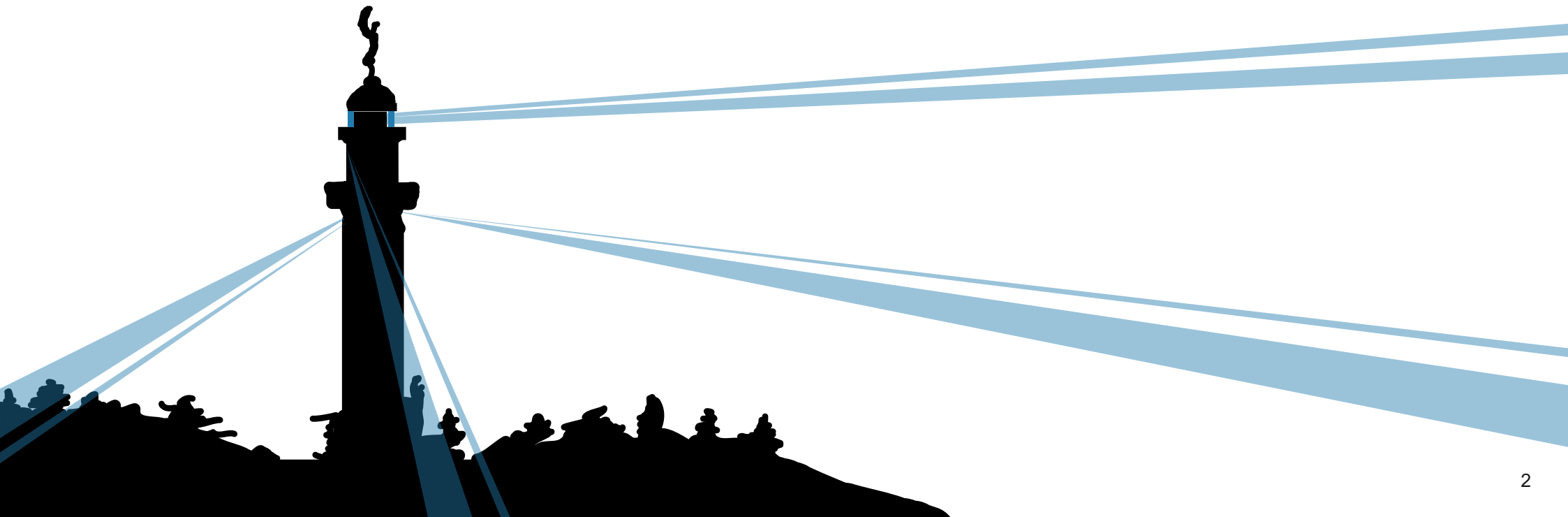
Virtual Session

Session recorded and available on demand

OPEN   Open access session

HOT   Hot Topic

Keynote   Keynote Session or Keynote Speech

	8:30 - 10:00	10:15 - 11:45	12:00 - 13:30	
Auditorium 28A				**Opening Ceremony** (Auditorium 15:00 - 17:30)
Room 28H		**Keynote Speeches** Immunity, from Cancer to COVID-19: Dreams and Challenges A.Mantovani Big Data meets Big Theory: the dawn of new scientific method? S.Succi	**Keynote Session** Climate change: local to global risks and responses **V. Masson-Delmotte**, F. **Giorgi**, **H.O. Pörtner, J. F. Skea** **HOT**	
Room 27A	Freshwater-seawater dynamics in coastal zones: advancing science and technology for sustainable management **University of Padova**	Artificial Intelligence in Finance: will Fintech algorithms run our money towards sustainability? **ModeFinance s.r.l.**	Open innovation: a key driver for decarbonizing ships and shipping **Fincantieri S.p.A.**	
Room 27B	To Bee or not to Bee? **University A. Avogadro of Eastern Piedemont** **HOT**	Agriculture on the front line, what the world can learn from African Scientists **Scidev.Net**	Technology and finance for sustainability **Confindustria**	
Virtual Room 1	Responsible Creativity: on the verge of a Fashion Revolution **International Talent Support**	Engaging the public with the scientific process in science engagement organisations **ECSITE**	Sharing is caring? Can local practice turn into transformative change in a collaborative economy? **European Research Council**	
Virtual Room 2	CONNECTOR - Combining Scientists & Citizens for Ocean Research **OYSTER / EuroMarine - European Marine Research Network'**	Systems' integrators for a Sustainable Circular Bioeconomy **BIOVOICES H2020 Project**	A sustainable bioeconomy: A global challenge for a shared future **BiOrbic SFI bioeconomy research centre Ireland**	
Virtual Room 3	The prestige of scientific expertise vs. technology demand: parallel routes with a common innovative purpose? **Marie Curie Alumni Association**	What will the world of research look like in 10 years? Challenges and opportunities of future research ecosystem **Elsevier** **HOT**	CRISPR: what's next? **European Research Council Executive Agency**	
ES Room	EuroScience Governing Board meeting	EuroScience Governing Board meeting	EuroScience General assembly	

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	8:30 - 10:00	10:15 - 11:45	12:00 - 13:30	14:30 - 16:00	16:15 - 17:45	18:00 - 19:30
Auditorium 28A	Frontier research in Europe: reflecting on the past, looking to the future **European Research Council** `HOT` `OPEN`	**Keynote Session** COVID-19: Ground-breaking research on brain impacts & the search for plant-based vaccines C. Cookson, T. Hartung, D. O'Reilly, D.B. Pedersen `HOT` `OPEN`	PHD4INNOVATING: How can high-level training, policy makers and economic players **SISSA**	**Keynote Session** From Genes to Genomes: Science, Technology and Policy to reveal the Secrets of Life S. Jasanoff, M. Giacca, M. Morgante	**Keynote Speeches** What the Pandemic is Teaching Us About Science, Politics and Sustainability? **J.D. Sachs** The Climate Challenge Explained **G. Haug**	Addressing Roadblocks in Research Assessment Reform **EMBO/DORA** **Keynote Speech** Research for the 21st century How should public money be spent? **O. Leyser**
Room 28H	Permanent Insecurity: A Science International strategy to support displaced and refugee scientists and science students **TWAS**	Roots and routes of "Migration on the Western Balkans":(Im)-Mobilities and Reception. **CNR Italian Research Council**	Building BRIDGES: Big Research Infrastructures for Diplomacy and Engagement through Science **IIASA**	Forced out, Welcome in: European action for researchers at risk **University of Trieste**	The mobility of researchers: obstacles, opportunity a concrete project for a pan-European pension scheme **RESAVER Consortium**	**Keynote Session** The Exscalate4CoV project **Elettra Sincrotrone Trieste**
Room 27A	Extending the body into digital technology: an evolutionary perspective **ICTP**	The magic triangle? What Smart Cities try to achieve **WWTF Vienna Science and Technology Fund**	Filming Electrons in Motion **Elettra Sincrotrone Trieste**	Joining forces towards a global 21st century Responsible Research and Innovation network **MaREI ERI, University of Cork**	What?Vs. So What? Science communication in time of crisis **EuroScience**	Innovation in times of COVID-19 **EuroScience**
Room 27B	Drinkable Water network resilience in a Regional Climate Change Framework **AcegasApsAmga**	Does science for missions undermine the mission of science? **OECD**	Sensing and Shaping Smart Cities in the Post-COVID Era **UNIDO**	Tracking multiple career pathways of doctoral candidates **EUA Council for Doctoral Education**	Citizen Science for the UN Sustainable Development Goals **IIASA**	I COMPUTE THEREFORE I AM…ethical AI with and for people **Elsevier** `OPEN`
Virtual Room 1	Transformative concepts in medicine, from systems medicine to cell-based therapies and gene editing **COST Association**	Genomic medicine: new ethical and social challenges **Centre for Genomics Regulation**	The future of Neurotechnologies: benefits, challenges and social implications **European Research Council Executive Agency**	The future of life: Synthetic living cells? **European Research Council**	Ethical dimensions of genome editing: opinions and debates across fields and countries **CNRS Inserm University of Toulouse 3**	Going viral? International dispersion of genetically modified viruses outside of contaminated facilities **Science Magazine** `HOT` `OPEN`
Virtual Room 2		Effective Sustainable Policies for Career Development in Research **Leibniz Information Centre**	Transfer of Industry 4.0 from research to industry **Free University of Bolzen - Bolzano**	UTOPIAE – how to cope with the uncertainty and achieve optimal performance in safer complex systems **ESTECO SpA**	Challenges and Opportunities of Collaborative Design: Case Studies for Electric and Automated Mobility **TU Ilmenau**	Network user security and privacy solutions in the era of artificial intelligence and GDPR **University of Athens**
Virtual Room 3	Open data infrastructures - a driver for innovation ecosystems **ELIXIR**	Shallow Geothermal: a promising renewable resource for heating and cooling **Romanian Geoexchange Society**	Waste not: Municipal Solid Waste as an opportunity for new business models in the Circular Economy **Bio-based Industries Joint Undertaking (BBIJU)**	The quest for Atlantis: Discovering the treasures of the Blue Bioeconomy **Bio-based Industries Joint Undertaking (BBIJU)**	Can the EU become a hot-shot valley for tech start-ups? **Science|Business Publishing LTD** `HOT`	Genome editing, disease resistance and animal welfare **Roslin Institute**
ES Virtual Room	Impact of COVID-19 on the career development of Researchers **EuroScience**	Skillset required of researchers of the 21st century **EuroScience**	The quest for reliability in the face of an "infodemic" **Elsevier** `OPEN`	The future of European Science "global Europe" **Wellcome Trust**	How to show the research community who you are **EuroScience Elsevier Mendeley**	Mind the gap: Bridging the expectation gap between researchers and employers **MCAA**

ESOF2020 TRIESTE — EUROSCIENCE OPEN FORUM

	8:30 - 10:00	10:15 - 11:45	12:00 - 13:30	14:30 - 16:00	16:15 - 17:45	18:00 - 19:30
Auditorium 28A	**Keynote Session** If COVID-19 is the 9/11 moment for global public health, what needs to happen next? L. Brito, C. Coockson, M. Hamaguchi, R. Horton, S.A. Karim, M. Kazatchkine **HOT OPEN**	Blue skills to feed jobs in the Mediterranean and Black Sea Region **OGS Trieste**	**Keynote Session** Cities of the Future: the challenge between climate change and pollution I. Homeier, E. E. Molyneux, T. Oni, M. Lenarčič, G. Močnik	Scientific Infrastructures for peace: from CERN to the SESAME synchrotron and the new SEEIIST initiative **CERN**	**Keynote Speeches** Economic Growth and Productivity: the role of knowledge I. Visco / Inquiry Based Research: What? Why? And How? B.Barish	Scientific Diplomacy for Freedom: Inter-Cultural Dialogue for Science **University of Trieste**
Room 28H	Bottom-up climate actions – urgent need or utopian structure? **Center for the Promotion of Science**	Smart Healthcare System: can Artificial Intelligence and Robotics improve the quality of life? **Televita SpA**	Leveraging evidence for policy development and health intervention: results from the European Joint Action on Health Information **Sciensano**	Understanding public trust and distrust in science **PCST**	**Keynote Speeches** Stories of science, stem cells and freedom E. Cattaneo / Towards Genomic Scale Drug Design R. Sabatini	Exobiology and Solar System Exploration: Habitability on Early Mars and Search for Biosignatures with ExoMars Rover **Altec SpA** **HOT**
Room 27A	The marine litter problem: sources, dispersion and impacts **ARPA FVG**	**Keynote Speeches** The Darwinian Lesson of COVID-19 D. Pievani / Technology transfer & collaboration I. Mattaj	Healthy food - improving optimal consumer choices **European Commission Research Executive Agency**	Plan S and Open Science – are we on the right track? Part 1 **Research Council of Norway**	Plan S and Open Science – are we on the right track? Part 2 **Research Council of Norway**	Beyond the Lab: Career Paths between Science and Policy **EFSA and ZSI**
Room 27B	WIN – Weblike Innovation Network: A European Hub for Innovation in Life Science **Bio4Dreams**	Perspectives on science-related fake news among young people in Central-Eastern Europe and Italy **ELTE**	Soil Health: the biggest challenge facing Europe? **European Commission Joint Research Centre**	Protection of marine habitats and reduction of CO2 along coastal areas: scientific and social aspects **Municipality of Monfalcone**	The role of Hydrogen for sustainable global transport and trade **Fincantieri** / Public-Private Partnerships for ship & shipping. **Fincantieri**	Energy Harvesting: a panel discussion **University of Rjieka**
Virtual Room 1	Rethinking Science Communication: Science Stories in Perspective **Science Stories**	Open research infrastructure in science and innovation policies studies: a journey within RISIS and its datasets **CNR Italian Research Council**	Women in Science: Is it all fair in meritocracy? **European Research Council**	China's rise is reshaping global science **European Commission Joint Research Centre**	Rethinking Science Communication: Experience from the COVID-19 Pandemic **Science Stories**	Digital skills for the industry of the future **Carlos Härtel**
Virtual Room 2	Inclusion and gender diversity in research environments: a little less conversation, a little more action please **Marie Curie Alumni Association**	Anti-cancer immune response "a la carte": Recent advances and future developments of immunotherapy **European Research Counci Executive Agency**	Will I walk again? How next generation artificial limbs are shaping the future of medicine **European Research Council Executive Agency**	Virtual patient cohorts: breaking the data deadlock **IMI - Innovative Medicines Initiative**	Advancing Health Care with Big data and Machine Learning: Case studies and challenges **COST Association**	Where is the ethics when scientific information is misused? **WFSJ**
Virtual Room 3	Turning contemporary cities into smart, interactive and safe urban living **European Research Council Executive Agency**	World Café for Regional Innovation Ecosystems Connected at European Level **EURODOC**	Advancing R&I ecosystems in the Western Balkans with regard to their ERA integration **EC DG R&I International Service Facility**	Networking the Western Balkans R&I community towards success **EC DG R&I International Service Facility**	Scientific data sharing and its impact on scientific careers and their evaluation **Inserm**	The EU and You: European Research Funding and Career development **European Research Council**
ES Virtual Room	Open science in time of pandemics: the experience of the Research Data alliance working group on COVID-19 in the international landscape **Data Research Alliance**	Graphene meets Graphite: towards a cleaner environment **Center for Dialogue**	EU-Open Science Policy Platform **Open Science Policy Platform** / ESOF2018 Toulouse: Video legacy (13:30-14:30)	The role of science in global response to crisis: lessons learned from the COVID-19 Pandemic **EuroScience**	How sensemaking allows us to make sense of the misinformation crisis? **SISSA Media lab**	AAAS Late-Breaker COVID-related Session **AAAS**

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Auditorium 28A / **Room 28H**	How to capture the entrepreneurial potential of women? Approaches in business and education **HÉTFA Research Institute** Effectiveness, usefulness and ethical impact of screening tests in children in a cross-border setting **Institute for Maternal and Child Health- Burlo Garofolo**	**Keynote Session** How to save the world! Achieving social, economic and environmental sustainability through innovation N. Shalev, Z. D'Agostino, A. van Jaarsveld Cultural Heritage and Science: Perspectives in Law and Policy **University of Trieste**	SEA Science Tea: BlueMed's young voices on the future of the Mediterranean Sea **CNR Italian Research Council** Science Diplomacy and Oceans Management **South African Dept. of Science and Technology**	**Keynote Speeches** From basic science to advanced medicine A. Yonath Experiences of pandemic crises surge and research-guided responses **University of Trieste**	Brain Drain - Brain Gain - Brain Circulation **Academies of Science** HOT OPEN Regione Friuli Venezia Giulia and MIT: enhancing excellence in science and technology transfer **Regione FVG SISSA**	Trieste Declaration of Human Duties - A Code of Ethics of Shared Responsibilities **S. Paoletti, J. Sachs, S. Taylor** Resident sub-sea drones: digitalization and AI to support a safe and sustainable energy transition **Saipem SpA**
Room 27A / **Room 27B**	The ERC AROMA-CFD project: Computational Methods in Fluid Dynamics with Applications in Biomedicine, Environment and Industry **SISSA** Into the era of gravitational wave astrophysics **SISSA**	Re-Thinking Vaccines **European Research Council** HOT OPEN Super-computing and the science & technology of the future **MaX Center of Excellence** HOT OPEN	Nanomedicine – tiny tools to beat the giant cancer challenge **University of Lisbon** Who is responsible for transferable skills and how can RRI and Open Science help? **University of Edinburgh**	Human Factor in Industry 4.0 **Umbra Group** How to govern an effective science-policy interface? Lessons in addressing the Euro-Mediterranean challenges **EMUNI**	Virtuous Agriculture, a new beneficial model for health & environment **Andrea Illy** Marriage counselling: How can we get difficult public/private partnerships in Horizon to work? **Science|Business Publishing Ltd.**	EIROforum science - bringing the future closer **CERN** Accessibility, Equity, and Health Safety for all persons despite COVID-19 and after it **Federsanità ANCI FVG**
Virtual Room 1	Sustainable Development Goals - Planet on a diet for a healthy future **Univerity of Novi Sad**	Transforming Construction Waste into Energy Efficiency Solutions **IZNAB Sp. z o.o.**	Advancing Global Relisience and Fostering Cross-border Cooperation through Disaster Diplomacy Efforts **National Science Foundation**	Ground-breaking research on when the ground shakes: advancements on earthquakes **European Research Council**	Lifting the lid on impact investment - Investing with and for impact in the 21st century **MitoTech** HOT	WANTED – Brave Men & Women for hazardous journey towards a better transfer culture in science & research **Helmholtz Institute**
Virtual Room 2	Predicting social impact and innovation trajectories: public and private investment at early-stage **IN srl and ETH Zurich**			Would Einstein get hired today? Entrepreneurship education and Design Thinking for career development and transition to industry **DKFZ German Cancer Research Centre**	Artificial Intelligence: A blessing or a threat for society? **European Research Council Executive Agency**	The integrated heart - mathematical models and algorithms for cardiac diseases **Milan Polytechnic Institute**
Virtual Room 3		I want to be an Open Scientist! Research Evaluation and Incentives to boost Open Science and Research Careers **EOSCsecretariat.eu CNR**	Smart EcoDigital Cities and Regions - Challenges and Solutions for a Sustainable Future **Cooperative State University Baden-Wuerttenberg**	Envisioning Psychedelic Prescription Medicine in Europe: A Science Vision Quest **University of Vienna MIT Media Lab**	'Data revolution': what should everyone be asking? **Sense About Science**	Creative Explorations in Artificial Intelligence, Robotics, and Autonomous Systems **San Jose State University**
ES Virtual Room	How Clusters and Ecosystems help to connect science and business **European Commission- DG Growth**	Misinformation: An age old problem or a global threat to health **Wellcome Trust**	EYRA Ceremony OPEN	Raising the standard of excellence in Hungarian basic research **ELKH**	Voice of Early-Career Researchers on Research Culture **EuroScience**	Friends of ESOF and EuroScience Reception

ESQF2020
EUROSCIENCE OPEN FORUM
T R I E S T E

	8:30 - 10:00	10:15 - 11:45	12:00 - 13:30

Auditorium 28A

Closing Ceremony
(Auditorium 15:00 - 17:30)

Room 28H

Keynote Session
Emerging Technologies: The New Quantum Revolution Era
T. Calarco, R. Fazio, J.I. Latorre, G. Santoro, V. Smelyanskii
`HOT`

Keynote Speeches
Optimal transport, from nature to machine learning **A. Figalli**

Recent progress in artificial intelligence: what impact on science and on society? **M. Mézard**

Innovative approaches to user-centred development of Healthcare solutions
European Commission Research Executive Agency

Room 27A

Inclusion and empowerment of people with disabilities in the Balkans: the European Network for Inclusion Beyond the Borders
Rittmeyer Institute FVG

Learning Cities and Learning Regions: local development throughout lifelong learning
Regione FVG

Incorporating users in the deployment of Autonomous Vehicles
University of Udine

Room 27B

Fusion Mobility: A systemic approach for a connected and human future mobility
Fusion Mobility Memmingen Institute

Simulations driven industry, the case of shipbuilding and maritime
Fincantieri S.p.A.

Lost in the sea? Can science guide citizens in seafood consumer decisions?
EMUNI

Virtual Room 1

The "I Support Sustainability" project
ARDISS Regione FVG

Illuminating Cultural Heritage: from research to preservation
ESP Central

Virtual Room 2

Career development for researchers in Europe – Sharing good practice, building bridges
Lancaster University

The emotional roller coaster of building a Career in Science
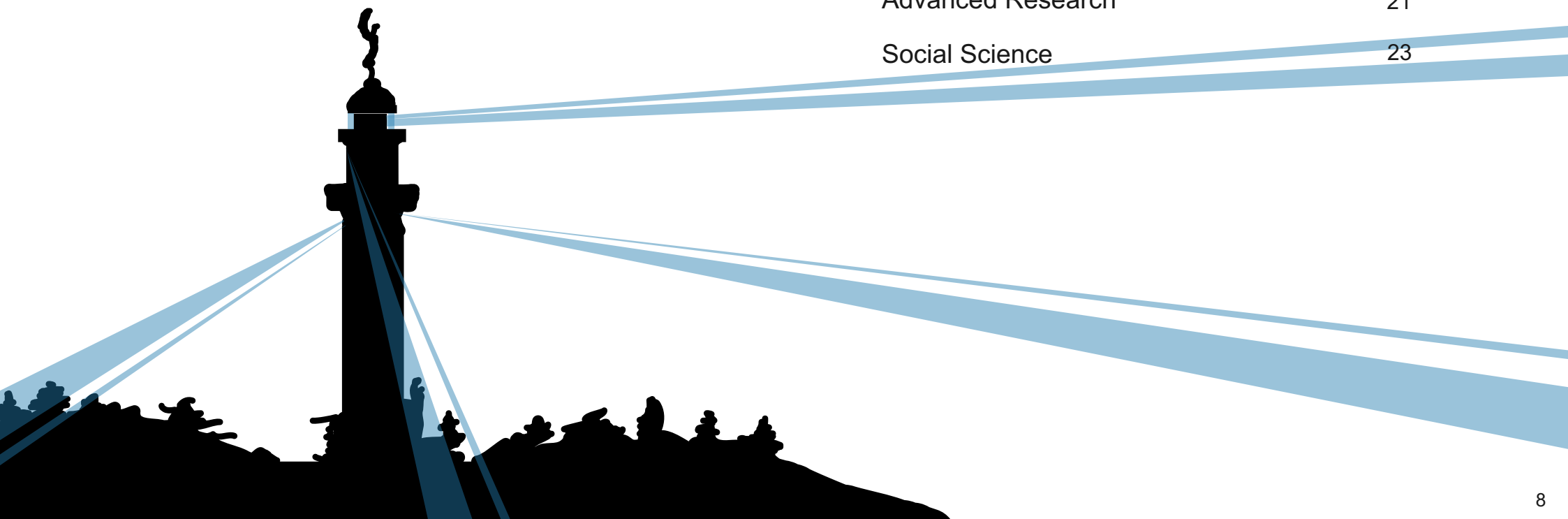**MRC Laboratory of Molecular Biology**

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SCIENCE DIPLOMACY

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Building BRIDGES: Big Research Infrastructures for Diplomacy and Engagement through Science
IIASA

Forced out, Welcome in: European action for researchers at risk
University of Trieste

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Scientific Infrastructures for peace: from CERN to the SESAME synchrotron and the new SEEIIST initiative
CERN

Room 28A →

Scientific Diplomacy for Freedom: Inter-Cultural Dialogue for Science
University of Trieste

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Advancing Global Relisience and Fostering Cross-border Cooperation through Disaster Diplomacy Efforts
National Science Foundation

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Trieste Declaration of Human Duties - A Code of Ethics of Shared Responsibilities
S. Paoletti, J. Sachs, S. Taylor

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SEA Science Tea: BlueMed's young voices on the future of the Mediterranean Sea
CNR Italian Research Council

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Science Diplomacy and Oceans Management
South African Dept. of Science and Technology

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If COVID-19 is the 9/11 moment for global public health, what needs to happen next?
L. Brito, C. Coockson, M. Hamaguchi, R. Horton, S.A. Karim, M. Kazatchkine
`HOT` `OPEN`

Smart Healthcare System: can Artificial Intelligence and Robotics improve the quality of life?
TELEVITA

Leveraging evidence for policy development and health intervention: results from the European Joint Action on Health Information
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Virtual patient cohorts: breaking the data deadlock
IMI - Innovative Medicines Initiative

Advancing Health Care with Big data and Machine Learning: Case studies and challenges
COST Association

Sat. 5th

Effectiveness, usefulness and ethical impact of screening tests in children in a cross-border setting
IRCCS Burlo Garofolo

Re-Thinking Vaccines
ERC
`HOT` `OPEN`

← Room 27A

Experience of pandemic crisis surge and research-guided responses
University of Trieste

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Accessibility, Equity, and Health Safety for all persons despite COVID-19 and after it
Federsanità ANCI FVG

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Sun. 6th

Innovative approaches to user-centred development of Healthcare solutions
European Commission - REA

← Room 28H

MEDICINE AND ETHICS

Wed. 2nd

Room 28H ⟶ **Keynote Speech**
Immunity, from Cancer to COVID-19: Dreams and Challenges
A.Mantovani (10:15-11:00)

CRISPR: what's next?
ERC - Executive Agency ⟵ Virtual Room 3

Thu. 3rd

Transformative concepts in medicine, from systems medicine to cell-based therapies and gene editing
COST Association

Genomic medicine: new ethical and social challenges
Centre for Genomics Regulation

The future of Neurotechnologies: benefits, challenges and social implications
ERC - Executive Agency

The future of life: Synthetic living cells?
ERC

Ethical dimensions of genome editing: opinions and debates across fields and countries
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Virtual Room 1 ⟶ Going viral? Intentional dispersion of genetically modified viruses outside of contained facilities
Science Magazine
HOT OPEN

Virtual Room 3 ⟶ Genome editing, disease resistance and animal welfare
Roslin Institute

Fri. 4th

WIN – Weblike Innovation Network: A European Hub for Innovation in Life Science
Bio4Dreams ⟵ Room 27B

Anti-cancer immune response "a la carte": Recent advances and future developments of immunotherapy
ERC - Executive Agency

Will I walk again? How next generation artificial limbs are shaping the future of medicine
ERC - Executive Agecy ⟵ Virtual Room 2

Sat. 5th

Room 27A ⟶ Nanomedicine – tiny tools to beat the giant cancer challenge
University of Lisbon

Envisioning Psychedelic Prescription Medicine in Europe: A Science Vision Quest
University of Vienna, MIT Media Lab ⟵ Virtual Room 3

8:30 - 10:00	10:15 - 11:45	12:00 - 13:30	14:30 - 16:00	16:15 - 17:45	18:00 - 19:30

CAREERS IN SCIENCE

Wed. 2nd

What will the world of research look like in 10 years? Challenges and opportunities of future research ecosystem **Elsevier** `HOT` ← Virtual Room 3

Thu. 3rd

Impact of COVID-19 on the career development of Researchers **EuroScience**

Skillset required of researchers of the 21th century **EuroScience** ← ES Virtual Room

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Addressing Roadblocks in Research Assessment Reform **EMBO/DORA**

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Mind the gap: Bridging the expectation gap between researchers and employers **MCAA**

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Blue skills to feed jobs in the Mediterranean and Black Sea Region **OGS** ↑ Room 28A

Women in Science: Is it all fair in meritocracy? **ERC** ← Virtual Room 1

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Virtual Room 3 → The EU & You: European Research Funding and Career development **ERC**

Sat. 5th

ES Virtual Room → EYRA Ceremony `OPEN`

Brain Drain - Brain Gain - Brain Circulation **Academies of Science** `HOT` `OPEN` ← Room 28A

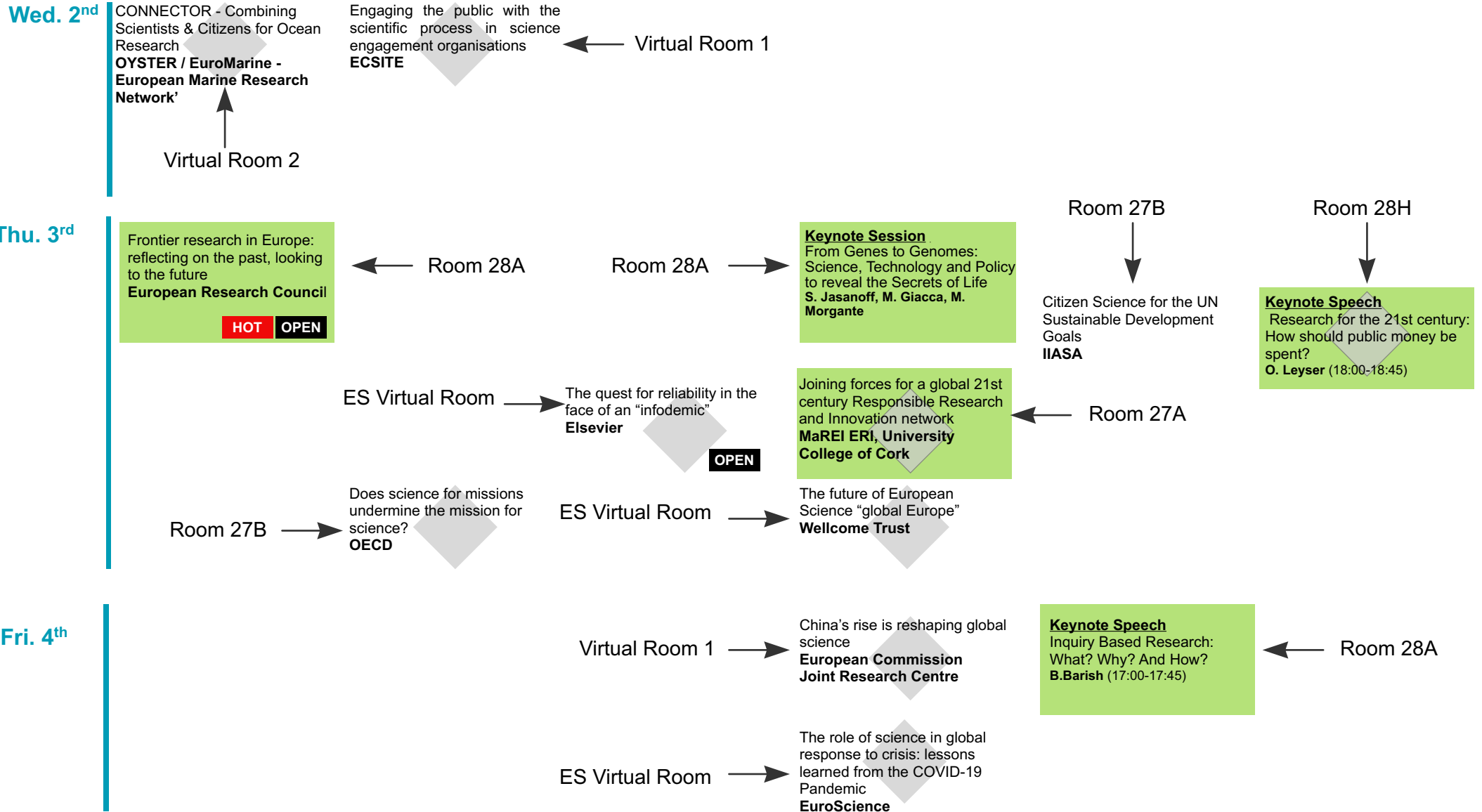Voice of Early-Career Researchers on Research Culture **EuroScience**

Sun. 6th

Career development for researchers in Europe – Sharing good practice, building bridges **Lancaster University**

The emotional roller coaster of building a Career in Science **MRC Lab. of Molecular Biology** ← Virtual Room 2

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SCIENCE, POLICY and CITIZEN ENGAGEMENT

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CONNECTOR - Combining Scientists & Citizens for Ocean Research
OYSTER / EuroMarine - European Marine Research Network'

Virtual Room 2

Engaging the public with the scientific process in science engagement organisations
ECSITE

Virtual Room 1

Thu. 3rd

Frontier research in Europe: reflecting on the past, looking to the future
European Research Council
HOT OPEN

Room 28A

Room 28A

Keynote Session
From Genes to Genomes: Science, Technology and Policy to reveal the Secrets of Life
S. Jasanoff, M. Giacca, M. Morgante

Room 27B

Citizen Science for the UN Sustainable Development Goals
IIASA

Room 28H

Keynote Speech
Research for the 21st century: How should public money be spent?
O. Leyser (18:00-18:45)

ES Virtual Room

The quest for reliability in the face of an "infodemic"
Elsevier
OPEN

Joining forces for a global 21st century Responsible Research and Innovation network
MaREI ERI, University College of Cork

Room 27A

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Does science for missions undermine the mission for science?
OECD

ES Virtual Room

The future of European Science "global Europe"
Wellcome Trust

Fri. 4th

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China's rise is reshaping global science
European Commission Joint Research Centre

Keynote Speech
Inquiry Based Research: What? Why? And How?
B.Barish (17:00-17:45)

Room 28A

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The role of science in global response to crisis: lessons learned from the COVID-19 Pandemic
EuroScience

SCIENCE, POLICY and CITIZEN ENGAGEMENT

Sat. 5th

How Clusters and Ecosystems help to connect science and business
European Commission - DG Growth

ES Virtual Room

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University of Trieste

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Keynote Speech
From basic science to advanced medicine
A.Yonath (14:30-15:15)

Room 27B →

How to govern an effective science-policy interface? Lessons in addressing the Euro-Mediterranean challenges
EMUNI

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Raising the standard of excellence in Hungarian basic research
ELKH

Sun. 6th

Inclusion and empowerment of people with disabilities in the Balkans: the European Network for Inclusion Beyond the Borders
Rittmeyer Institute

Learning Cities and Learning Regions: local development throughout lifelong learning
Regione FVG

Incorporating users in the deployment of Autonomous Vehicles
University of Udine

← Room 27A

Lost in the sea? Can science guide citizens in seafood consumer decisions?
EMUNI

← Room 27B

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ENTREPRENEURSHIP AND TECH-TRANSFER

Thu. 3rd

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Virtual Room 2 →
Transfer of Industry 4.0 from research to industry **Free University of Bolzen - Bolzano**

Virtual Room 2 →
Challenges and Opportunities of Collaborative Design: Case Studies for Electric and Automated Mobility **TU Ilmenau**

Virtual Room 3 →
Can the EU become a hot-shot valley for tech start-ups? **Science|Business**
HOT

Innovation in time of Covid-19 **EuroScience**
↑ Room 27A

Fri. 4th

Virtual Room 3 →
Keynote Speech: Technology transfer & collaboration **I. Mattaj** (11:00-11-45)
← Room 27A

Virtual Room 3 →
World Café for Regional Innovation Ecosystems Connected at European Level **EURODOC**

Advancing R&I ecosystems in the Western Balkans with regard to their ERA integration **International Service Facility of EC DG R&I**

Networking the Western Balkans R&I community towards success **International Service Facility of EC DG R&I**

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Digital skills for the industry of the future **C. H. Härtel**

.Public-Private Partnership for ship & shipping **Fincantieri S.p.A.** (17:00-17:45)
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"How to capture the entrepreneurial potential of women? Approaches in business and education **HEFTA Research Institute**
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The Human Factor in Industry 4.0 **Umbra Group**

Virtual Room 2 →
Would Einstein get hired today? Entrepreneurship education and Design Thinking for career development and transition to industry **DKFZ**

Virtual Room 1 ↓
Lifting the lid on impact investment - Investing with and for impact in the 21st century **MitoTech**
HOT

Virtual Room 1 ↓
WANTED – Brave Men & Women for hazardous journey towards a better transfer culture in science & research **Helmholtz Institute**

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IT AND DIGITAL TECHNOLOGY

Wed. 2nd

Artificial Intelligence in Finance: will Fintech algorithms run our money towards sustainability? **ModeFinance** ← Room 27A

Thu. 3rd

Extending the body into digital technology: an evolutionary perspective **ICTP** ← Room 27A

Room 27B → I COMPUTE THEREFORE I AM…ethical AI with and for people **Elsevier** OPEN

Virtual Room 2 → UTOPIAE – how to cope with the uncertainty and achieve optimal performance in safer complex systems **ESTECO SpA**

Virtual Room 2 → Network user security and privacy solutions in the era of artificial intelligence and GDPR **University of Athens**

Sat. 5th

Room 27B → Super-computing and the science & technology of the future **MaX Center of Excellence** HOT OPEN

Virtual Room 2 → Artificial Intelligence: A blessing or a threat for society? **ERC - Executive Agency**

Virtual Room 3 → 'Data revolution': what should everyone be asking? **Sense About Science**

Creative Explorations in Artificial Intelligence, Robotics, and Autonomous Systems **San Jose State University**

Sun. 6th

Simulations driven industry, the case of shipbuilding and maritime **Fincantieri S.p.A.** ← Room 27B

Keynote Speech Recent progress in artificial intelligence: what impact on science and on society? **M. Mézard** (11:00-11:45) ← Room 28H

8:30 - 10:00	10:15 - 11:45	12:00 - 13:30	14:30 - 16:00	16:15 - 17:45	18:00 - 19:30

SUSTAINABILITY

Wed. 2nd

Freshwater-seawater dynamics in coastal zones: advancing science and technology for sustainable management
University of Padova
← Room 27A

Keynote Session
Climate change: local to global risks and responses
V. Masson-Delmotte, F. **Giorgi, H.O. Pörtner, J. F. Skea**
HOT
← Room 28H

To Bee or not to Bee?
University A. Avogadro of Eastern Piedemont
HOT

Agriculture on the front line, what the world can learn from African Scientists
Scidev.Net

Technology and finance for sustainability
Confindustria
← Room 27B

Responsible Creativity: on the verge of a Fashion Revolution
International Talent Support

Systems' integrators for a Sustainable Circular Bioeconomy
BIOVOICES H2020 Project

A sustainable bioeconomy: A global challenge for a shared future
BiOrbic SFI bioeconomy research centre Ireland
← Virtual Room 2

Virtual Room 1

The prestige of scientific expertise vs. technology demand: parallel routes with a common innovative purpose?
Marie Curie Alumni Association
← Virtual Room 3

Sharing is caring?
Can local practice turn into transformative change in a collaborative economy?
ERC
← Virtual Room 1

Thu. 3rd

Virtual Room 3 →

Shallow Geothermal: a promising renewable resource for heating and cooling
Romanian Geoexchange Society

Waste not: Municipal Solid Waste as an opportunity for new business models in the Circular Economy
Bio-based Industries Joint Undertaking

The quest for Atlantis: Discovering the treasures of the Blue Bioeconomy
Bio-based Industries Joint Undertaking

Keynote Speech
What the Pandemic is Teaching Us About Science, Politics and Sustainability?
J.D. Sachs (16:15-17:00)
← Room 28A

8:30 - 10:00	10:15 - 11:45	12:00 - 13:30	14:30 - 16:00	16:15 - 17:45	18:00 - 19:30

SUSTAINABILITY (CONTINUED)

Fri. 4th

Bottom-up climate actions – urgent need or utopian structure?
Center for the Promotion of Science

Room 28H

Graphene meets Graphite: towards a cleaner environment
Center for Dialogue

← ES Virtual Room

Room 27B →

Soil Health: the biggest challenge facing Europe?
JRC

The marine litter problem: sources, dispersion and impacts
ARPA FVG

← Room 27A

Protection of marine habitats and reduction of CO2 along coastal areas: scientific and social aspects
Municipality of Monfalcone

← Room 27B

Keynote Speech
Economic Growth and productivity: the role of knowledge
I. Visco (16:15-17:00)

Room 28A

Energy Harvesting: a panel discussion
University of Rjieka

Room 27B

Sat. 5th

Sustainable Development Goals - Planet on a diet for a healthy future
Univerity of Novi Sad

Transforming Construction Waste into Energy Efficiency Solutions
IZNAB

← Virtual Room 1

Keynote Session
How to save the world! Achieving social, economic and environmental sustainability through innovation
N. Shalev, Z. D'Agostino, A. van Jaarsveld

← Room 28A

Virtuous Agriculture, a new beneficial model for health & environment
Andrea Illy

← Room 27A

Sun. 6th

The "I Support Sustainability" project
ARDISS

← Virtual Room 1

OPEN SCIENCE AND OPEN DATA

Wed. 2nd

Open innovation: a key driver for decarbonizing ships and shipping
Fincantieri S.p.A. ← Room 27A

Thu. 3rd

Open data infrastructures - a driver for innovation ecosystems
ELIXIR ← Virtual Room 3

Fri. 4th

Open science in time of pandemics: the experience of the Research Data alliance working group on COVID-19 in the international landscape
Data Research Alliance

ES Virtual Room

Open research infrastructure in science and innovation policies studies: a journey within RISIS and its datasets
CNR Italian Research Council ← Virtual Room 1

ES Virtual Room →

EU-Open Science Policy Platform
Open Science Policy Platform

Plan S and Open Science – are we on the right track? - 1
Research Council of Norway

Plan S and Open Science – are we on the right track? - 2
Research Council of Norway ← Room 27A

Keynote Speech
Stories of science, stem cells and freedom
E. Cattaneo (16:15-17:00) ← Room 28H

Scientific data sharing and its impact on scientific careers and their evaluation
Inserm ← Virtual Room 3

Sat. 5th

I want to be an Open Scientist! Research Evaluation and Incentives to boost Open Science and Research Careers
EOSC Secretariat, CNR

Virtual Room 3

Who is responsible for transferable skills and how can RRI and Open Science help?
University of Edinburgh ← Room 27B

SMART AND SUSTAINABLE CITIES

Thu. 3rd

Drinkable Water network resilience in a Regional Climate Change Framework
AcegasApsAmga SpA

The magic triangle? What Smart Cities try to achieve
WWTF Vienna Science and Technology Fund

Sensing and Shaping Smart Cities in the Post-COVID Era
UNIDO   ← Room 27B

↑ Room 27B

Fri. 4th

Keynote Session
Cities of the Future: the challenge between climate change and pollution
I. Homeier, E. E. Molyneux, T. Oni, M. Lenarčič, G. Močnik
.   ← Room 28A

Turning contemporary cities into smart, interactive and safe urban living
ERC - Executive Agency   ← Virtual Room 3

Sat. 5th

Smart EcoDigital Cities and Regions - Challenges and Solutions for a Sustainable Future
State University Baden-Wuerttenberg   ← Virtual Room 3

Sun. 6th

Fusion Mobility: A systemic approach for a connected and human future mobility
Fusion Mobility Memmingen Institute   ← Room 27B

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ADVANCED RESEARCH

Wed. 2nd

Keynote Speech
Big Data meets Big Theory: the dawn of new scientific method?
S. Succi (11:00-11:45)

← Room 28H

Thu. 3rd

Room 28A →

Keynote Session
COVID-19: Ground-breaking research on brain impacts & the search for plant-based vaccines
C. Cookson, T. Hartung, D. O'Reilly, D.B. Pedersen

`HOT` `OPEN`

Filming Electrons in Motion
Elettra Sincrotrone Trieste

← Room 27A

Room 28H →

Keynote Session
The Exscalate4CoV project
Elettra Sincrotrone Trieste
(18:45-19:00)

Fri. 4th

Room 27B →

The role of Hydrogen for sustainable global transport and trade
Fincantieri S.p.A.
(16:15-17:00)

Room 28H →

Exobiology and Solar System Exploration: Habitability on Early Mars and Search for Biosignatures with ExoMars Rover
Altec SpA

`HOT`

ADVANCED RESEARCH (CONTINUED)

Sat. 5th

The ERC AROMA-CFD project: Computational Methods in Fluid Dynamics with Applications in Biomedicine, Environment and Industry
SISSA
← Room 27A

Into the era of gravitational wave astrophysics
SISSA
← Room 27B

Keynote Speech
Towards Genomic Scale Drug Design
R. Sabatini (17:00-17:45)
← Room 28A

Room 28H →
Regione Friuli Venezia Giulia and MIT: enhancing excellence in science and technology transfer
Regione FVG, SISSA

Resident sub-sea drones: digitalization and AI to support a safe and sustainable energy transition through the depletion of sub-sea gas fields
SAIPEM

Virtual Room 1 →
Ground-breaking research on when the ground shakes: advancements on earthquakes
ERC

Room 27A →
EIROforum science - bringing the future closer
CERN

Virtual Room 2 →
The integrated heart - mathematical models and algorithms for cardiac surgery
Milan Polytechnic Inst.

Sun. 6th

Keynote Speech
Emerging technologies: the new quantum revolution era
T. Calarco, R. Fazio, J.I. Latorre, G. Santoro, V. Smelyanskii
HOT

Keynote Speech
Optimal transport, from nature to machine learning
A. Figalli (10:15-11:00)
← Room 28H

SOCIAL SCIENCE

Thu. 3rd

Permanent Insecurity: A Science International strategy to support displaced and refugee scientists and science students
TWAS

Roots and routes of "Migration on the Western Balkans". (Im)-Mobilities and Reception.
CNR Italian Research Council
← Room 28H

Room 28A →
Keynote Speech
What the Pandemic is Teaching Us About Science, Politics and Sustainability?
G. Haug (17:00-17:45)

Room 27A →
What? Vs. So What?: Science communication in time of crisis
EuroScience

Fri. 4th

Rethinking Science Communication: Science Stories in Perspective
Science Stories
Virtual Room 1

Keynote Speech
The Darwinian Lesson of COVID-19
D. Pievani (10:15-11:00)
← Room 27A

Perspectives on science-related fake news among young people in Central-Eastern Europe and Italy
ELTE
← Room 27B

Room 28H →
Understanding public trust and distrust in science
PCST

Room 27A →
Healthy food - improving optimal consumer choices
European Commission - REA

ES Virtual Room →
How sensemaking allows us to make sense of the misinformation crisis?
SISSA Media Lab

Virtual Room 1
Rethinking Science Communication: Experience from the COVID-19 Pandemic
Science Stories

Virtual Room 2
Where is the ethics when scientific information is misused?
WFSJ

AAAS Late-Breaker COVID-related Session
AAAS

Sat. 5th

Predicting social impact and innovation trajectories: public and private investment at early-stage
IN srl and ETH Zurich
Virtual Room 2

Misinformation: An age old problem or a global threat to health
Wellcome Trust
← ES Virtual Room

Sun. 6th

Illuminating Cultural Heritage: from research to preservation
ESP Central
← Virtual Room 1