

**online EUROPEAN SCIENCE FESTIVAL**  
**9–11 November 2021**

Organised by  
the Slovenian Science Foundation

Hosted by  
the "Jožef Stefan" Institute

**PROGRAMME**

(Situation on 5 November 2021)

Festival Day 1: Tuesday, 9 November 2021

**9:00 - 9:55**

**FESTIVAL OPENING**

Welcome addresses

9:00 - 9:05  
9:05 - 9:10

- Dr **Edvard Kobal**, Chairman of the Board, Slovenian Science Foundation
- Prof. Dr **Mitja Slavinec**, State Secretary, Ministry for Education, Science and Sports of the Republic of Slovenia

Speeches

9:10 - 9:20  
9:20 - 9:30

- Patroness of the European Science Festival - TBC
- Ms **Aleksandra Drecun**, Vice President, European Science Engagement Association

9:30 - 9:40

- Mr **Howie Firth**, Protector of the European Science Festival/ Director of the Orkney International Science Festival

9:40 - 9:50  
9:50 - 9:55

- Artistic Programme (Gallus Foundation)
- Mr **Andraž Ivšek**, Director, European Science Festival

**I. THE ROLE OF SCIENCE IN EUROPE TODAY**

**10.00 - 13:00**

**1. The Contribution of Science to the Development of European Culture and Civilization**

10.00 - 10:30

Prof. Dr **Klaus Mainzer**, President, European Academy of Sciences and Arts, Salzburg, Austria

10.30 - 11:00

Dr **Roger Pfister**, Head of the International Cooperation, Swiss Academies of Arts and Sciences (a<sup>+</sup>), Bern, Switzerland

11.00 - 11:10

Professor **Gerry Gilmore**, FRS, Chair of the Summer Science Committee, The Royal Society, London, UK

11:10 - 12:20

The Royal Society, London, UK  
Video presentation:  
An evening with Stephen Fry and Venki Ramakrishnan

12.20 - 12:55

Prof. Dr **Eveline Crone**, Vice President, European Research Council, Brussels, Belgium

<b>13:00 - 16:00</b>	<b>2. Understanding Science in the 21st century</b>
13:00 - 13:30	Prof. Dr <b>Gregor Anderluh</b> , Director, National Institute of Chemistry, Ljubljana, Slovenia
13:30 - 14:00	<b>Science – policy interface in the area of resource management</b> Dr <b>Janez Potočnik</b> , Co-Chair, UN International Resource Panel, Former European Commissioner for Research and Innovation
14:00 - 14:30	The Royal Society, London, UK Video presentation: The bee trail-lightning lecture
14:30 - 15:00	The Role of Science Prof. Dr <b>Maja Ravnikar</b> , Director, National Institute of Biology, Ljubljana, Slovenia
15:00 - 15:45	<b>Noordung's Space Station</b> Dr <b>Edvard Kobal</b> , President The Slovenian Science Foundation, Ljubljana Slovenia Member of the Faraday Club
<b>16:00 - 18:30</b>	<b>3. Contributions by Young Science Enthusiasts to Improving Public Understanding of Science</b>
16:00 - 16:30	<b>Junge Uni, The Children's Summer University</b> Dr <b>Silvia Prock</b> , University of Innsbruck, Innsbruck, Austria
16:30 - 17:00	The Role of Science Prof. Dr <b>Zdravko Kačič</b> , Rector, University of Maribor, Maribor, Slovenia - TBC
17:00 - 17:40	The Royal Society, London, UK Video presentation: New body parts-lightning lecture
<b>17:40 - 19:45</b>	<b>Experiments, Shows, Performances</b>
17:40 - 18:25	<b>William Speirs Bruce, Scottish oceanographer, and Antarctic polar explorer,</b> Dr <b>Maria Pia Casarini</b> , Polar Educators International, Cambridge, UK
18:25 - 19:10	<b>Direct Air Capture,</b> Professor <b>Peter Wadhams</b> , University of Cambridge, Cambridge, UK
19:10 - 19:45	<b>Point Has No Parts</b> , mathematical dance performance, Jelena Joksimović, Danijela Vučićević, Center for the Promotion of Science, Beograd, Serbia

### Festival Day 2: Wednesday, 10 November 2021

(World Science Day for Peace and Development)

## **II. PERCEPTION IN SCIENCE, TECHNOLOGY AND INNOVATION AMONG EUROPEANS**

9:00 - 10:00	Addresses
9:00 - 9:15	Acad. Prof. Dr <b>Peter Štih</b> , President, Slovenian Academy of Sciences and Arts, Ljubljana, Slovenia
9:15 - 9:30	Dr <b>Mark Pleško</b> , President, Slovenian Academy of Engineering, Ljubljana, Slovenia
9:30 - 10:00	Prof. dr. <b>Mojca Jurišević</b> , Faculty of Education, University of Ljubljana, Centre for Research and Promotion of Giftedness

10:00 - 10:30	<b>Experimental Chemistry</b> Mag <b>Tomaž Ogrin &amp; Co.</b> , Lovers of Chemistry Society and "Jožef Stefan" Institute, Ljubljana, Slovenia
10:30 - 12:00	-TBC
<b>12:00 - 13:30</b>	<b>1. The Changing Landscape of European Science Communication</b> , Panel discussion  PCST (Public Communication of Science and Technology), the global network for science communication, presents a panel discussion on trends and challenges of science communication in Europe. The panel will discuss characteristics of the landscape of science communication, impacts of the pandemic, and strengths and weaknesses of European science communication.  The panel members all have extensive experience in European collaboration on science communication, including in EU-funded projects such as Quest, Concise and Rethink. They are <b>Sarah Davies</b> (moderator), University of Vienna, Austria; <b>Arko Olesk</b> , Tallinn University, Estonia, advisor to the President of Estonia; <b>Ana Delicado</b> , University of Lisbon, Portugal; <b>Birte Fähnrich</b> , Free University of Berlin, Germany, advisor to the Federal Government of Germany; <b>Bankole Falade</b> ; Stellenbosch University, South Africa.  The event will be introduced by <b>Brian Trench</b> , Ireland, former president of the PCST Network
13:30 - 14:00	The Royal Society, London, UK Video presentation: Sir Paul Nurse: Trust in Science
<b>14:00 - 16:30</b>	<b>2. Science ≠ Technology</b>
14:00 - 14:45	<b>Maxwell's Light</b> Prof. Dr <b>Tom Stevenson</b> , Scotland, UK Member of the Faraday Club
14:45 - 15:30	<b>Mendeleev's Periodic Table</b> Dr <b>Howie Firth</b> , MBE, Director, Orkney International Science Festival Kirkwall, Orkney/Scotland, UK Co-founder and member of the Faraday Club
15:30 - 16:30	The Royal Society, London, UK Video presentation: Putting the sun in a bottle: the path to delivering sustainable fusion power
<b>16:30 - 17:30</b>	<b>3. Discovering, Guiding and Developing Talented Young People for New Generation of European Researchers</b>
16:30 - 17:00	Dr <b>Csillia Fuszek</b> , Director, The European Talent Centre Budapest, Budapest, Hungary
17:00 - 17:30	Dr <b>Colm O'Reilly</b> , Director, The Irish Centre for Talented Youth, Dublin City University, Dublin, Ireland
<b>17:35 - 19:30</b>	<b>4. Perception in Science, Technology and Innovation</b> Perception in Science, Technology and Innovation among Europeans and Americans Prof. Dr <b>Marija Strojnik</b> , Phoenix, Arizona, USA
18:15 - 19:00	Associate Professor <b>Dario Križ</b> , Lund University, Sweden -TBC

19:00 - 19:30 Video 'Prof. Dr Peter Higgs, Nobel Prize Winner'  
In cooperation with the Orkney International Science Festival, Kirkwall,  
Orkney/Scotland, UK

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### Festival Day 3: Thursday, 11 November 2021

#### **III. SCIENTIFIC CONTENT IN THE MEDIA**

9:00 - 10:00	Addresses
9:00 - 9:15	Prof. Dr <b>Gregor Majdič</b> , Rector, University of Ljubljana, Ljubljana, Slovenia
9:15 - 9:30	Prof. Dr <b>Boris Cizelj</b> , Chairman, Board of Directors, Knowledge Economy Network, Brussels, Belgium
9:30 - 10:00	Prof. Dr <b>Igor Papič</b> , Former Rector, University of Ljubljana, Ljubljana, Slovenia
<b>10:00 - 12:30</b>	<b>1. Excellent Examples of Journalists - Science Popularisers</b>
10:00 - 11:00	Excellence in practice
11:00 - 12:30	Round-table discussion In cooperation with Slovenian Association of Science Journalists Participators: Prof. Dr <b>Roman Jerala</b> (National Institute of Chemistry, Ljubljana), Dr <b>Zarja Muršič</b> (free lance), Prof. Dr <b>Tom Turk</b> (University of Ljubljana), Assist. Dr <b>Luka Omladič</b> (University of Ljubljana) Moderator: <b>Lenart Kučič</b>
12:30 - 13:30	The Royal Society, London, UK Video presentation: Picasso, pottery and plants: Hidden rules governing the development of natural forms
	<b>2. The Science Movements</b>
13:30 - 14:00	A Peoples Science Movement. The case: Kerala, India Prof. Dr <b>A. P. Jayaraman</b> , President of the STEAM Academy
14:00 - 14:15	<b>Bringing Space to the Public</b> , Keynote Ms <b>Maruška Strah</b> , Executive Director, World Space Week Association, Vienna, Austria
14:15 - 15:00	<b>Popularization of Science</b> , WSWA Panel members: <b>Rosanna Hoffman</b> , European Centre for Space Law, France (moderator); <b>Mary Walmsley</b> , Airbus; Dr <b>Volker Kratzenberg-Annie</b> s, DLR, Germany; <b>Ghina M. Halabi</b> , She Speaks Science, University of Cambridge, UK; <b>Teja Dobnik</b> , World Space Week Association.
15:00 - 15:30	<b>Kenneth Monjero</b> , President Fun & Education Global Network, and Director, Children Science Centre Kenya
15:30 - 16:00	Representative of the Polar Educators International -TBC
16:00 - 16:30	Representative of the University of Turin, Italy -TBC
<b>16:30 - 16:45</b>	<b>CONCLUSION OF THE FESTIVAL</b> Mr <b>Andraž Ivšek</b> , Director of the European Science Festival