

SCIENCE AND ART FOR SUSTAINABILITY
BELGRADE 2025



P R O G R A M

International Decade of Sciences for Sustainable Development

World Conference on Science and Art for Sustainability
September 22–25, 2025, Belgrade, Serbia

September 22, 2025, Monday, Day 0

14:00–19:00 **Early registration**, Courtyard Belgrade City Center, Belgrade

National Museum

19:30–19:50 **Aleksandra Stratimirović**, Stockholm, Sweden, **Nebojša Popović**, Belgrade, Serbia, and **Đorđe Makarević**, Belgrade, Serbia: *Light, sound, and motion* (conceptual art happening)

20:00–20:20 **Pan African Heritage Museum**, Accra, Ghana: *Origin of humanity*, curator: **Pashington Obeng**, Chief Executive Officer (virtual archaeological exhibition)

20:20–21:00 **Camerata Serbica**, Belgrade, Serbia, and **Belgrade Chamber Choir**, Serbia (music happening)

21:00–22:00 *Welcome reception*

September 23, 2025, Tuesday, Day 1

8:30–9:00 **Registration**, Serbian Academy of Sciences and Arts

INTRODUCTORY SESSION, Serbian Academy of Sciences and Arts

9:00–9:15 **Words of welcome:**
Zoran Knežević, President, Serbian Academy of Sciences and Arts

Opening address:
9:20–9:30 **Audrey Azoulay**, Director General, United Nations Educational, Scientific and Cultural Organization (UNESCO), Paris, France, tba*

SECTION 1: CONTRIBUTIONS OF BASIC AND APPLIED SCIENCES TO SUSTAINABILITY, Serbian Academy of Sciences and Arts

9:30–11:20 **SESSION 1.1**

Moderation:
Michel Spiro, President, International Union of Pure and Applied Physics (IUPAP)

Talks:
Anjum Halai, Vice Provost and Dean, Faculty of Arts and Sciences, Aga Khan University, Karachi, Pakistan; Vice President, International Commission of Mathematical Instruction; Fellow, World Academy of Art and Science (WAAS): *Mathematics-based education* (mathematics)

Maarten Sierhuis, Vice President and Global Director, Alliance Innovation Lab, Nissan Advanced Technology Center, Santa Clara, California, USA: *Artificial general intelligence* (computer science)

Gian Francesco Giudice, Department of Theoretical Physics, European Organization for Nuclear Research (CERN), Geneva, Switzerland: *Big Bang* (basic physics)

Ana María Cetto Kramis, National Autonomous University of Mexico, Mexico City; Former Deputy Director General, International Atomic Energy Agency (IAEA), Vienna, Austria: *The quantum dice* (basic physics)

Discussion

11:20–11:40 *Coffee break*

11:40–13:30 **SESSION 1.2**

Moderation:

Goran Milašinović, President, Commission of Serbia for Cooperation with the United Nations Educational, Scientific and Cultural Organization (UNESCO)

Talks:

Anastassia Makarieva, Theoretical Physics Division, Petersburg Nuclear Physics Institute, Russia; Institute for Advanced Studies, Technical University of Munich, Germany: *On the climate-regulating function of the pristine forests* (applied physics)

Zoran Jovanović, Laboratory of Physics, Vinča Institute of Nuclear Sciences, Belgrade, Serbia: *Interaction of ions with surfaces* (basic physical chemistry)

Aleksandr Bugay, Director, Laboratory of Radiation Biology, Joint Institute for Nuclear Research (JINR), Dubna, Russia: *Radiation induced disorders in human brain in interplanetary missions* (basic and applied biology)

Lesley Green, Director, Environmental Humanities South, Faculty of Humanities, University of Cape Town, South Africa: *Critical zone science* (biogeosciences)

Discussion

13:30–14:20 *Lunch break*

14:20–16:10 **SESSION 1.3**

Moderation:

Maurizio Bona, Former Senior Adviser, European Organization for Nuclear Research (CERN), Geneva, Switzerland

Talks:

Pietro Barabaschi, Director General, International Thermonuclear Experimental Reactor (ITER) Organization, St. Paul-lez-Durance, France: *Construction of ITER* (mechanical and electrical engineering)

Detai Zhou, Advanced Nuclear Energy Center, Institute of Modern Physics, Chinese Academy of Sciences, Lanzhou, China: *Control and safety system of the Chinese initiative Accelerator Driven System (CiADS)* (electronic engineering)

Jožef Čomor, ELEX Commerce, Belgrade, Serbia: *Production of cyclotron radiopharmaceuticals* (physicochemical engineering)

Andre Terzic, Mayo Clinic, Rochester, Minnesota, USA: *Regenerative medicine and stem cell biology* (medicine)

Discussion

16:10–18:00 **SPECIAL SESSION**

The Kavli Foundation, Los Angeles, California, USA, moderator: **Cynthia Friend**, President and Chief Executive Officer: *Astrophysics, nanoscience, neuroscience, and theoretical physics* (basic and applied sciences), tba

Gallery of the Visual Arts and Music, Serbian Academy of Sciences and Arts

18:20–19:00 **Legacy of Leposava Lepa Perović**, Lazarevac Cultural Center, Serbia, curator: **Darinka Stanojević** (paintings exhibition)

National Theatre

20:30–21:30 **Lucía Lacarra Ballet**, Spain: *Lost Letters* (dance performance)

September 24, 2025, Wednesday, Day 2

SECTION 2: CONTRIBUTION OF SOCIAL AND HUMANISATIC SCIENCES TO SUSTAINABILITY, Serbian Academy of Sciences and Arts

9:00–10:50 **SESSION 2.1**

Moderation:

Mamphela Ramphela, Full Member, The Club of Rome; Fellow, World Academy of Art and Science (WAAS)

Talks:

Miomir Korać, Institute of Archaeology in Belgrade, Serbia: *Viminatium as a sustainable settlement* (archaeology)

Mira Radojević, Corresponding Member, Serbian Academy of Sciences and Arts: *World Wars I and II* (history), tba

Susan Visvanathan, Adjunct Professor, Indian Institute of Science Education and Research, Bhopal, India; Former Professor, School of Social Sciences, Jawaharlal Nehru University, New Delhi, India: *Wisdom of community* (sociology)

Lin Ren, Director, Department of Global Governance, Institute of World Economics and Politics, Chinese Academy of Social Sciences, Beijing: *Multilateralism* (political science)

Discussion

10:50–11:20 *Coffee break*

11:20–13:10 **SESSION 2.2**

Moderation:

Dragan Đuričin, Fellow, World Academy of Art and Science (WAAS); Member, Governing Board, Serbian Chapter of The Club of Rome

Talks:

Dragan Simeunović, Faculty of Political Sciences, University of Belgrade, Serbia; Member, Governing Board, Serbian Chapter of The Club of Rome: *Politics as the art of illusion* (political science)

Tibor Varady, Full Member, Serbian Academy of Sciences and Arts: *International law – Between sustainable reality and sustainable phrases* (law)

Robert Costanza, Institute of Global Prosperity, University College, London, UK; Crawford School of Public Policy, The Australian National University, Canberra; Full Member, The Club of Rome: *Well-being economy* (economics)

Paul Shrivastava, Smeal College of Business, Pennsylvania State University, University Park, USA; Co-President, The Club of Rome: *Towards ecological civilizations* (management)

Discussion

13:10–14:10 *Lunch break*

14:10–16:00 **SESSION 2.3**

Moderation:

Garry Jacobs, President and Chief Executive Officer, World Academy of Art and Science (WAAS); Chairman of the Board of Directors and Chief Executive Officer, World University Consortium (WUC); Full Member, The Club of Rome

Talks:

Étienne Klein, CentraleSupélec, Université Paris-Saclay, France: *Dialectics of local and global* (philosophy)

Carroy U. Ferguson, President, Association for Humanistic Psychology (AHP), USA; Department of Psychology, University of Massachusetts, Boston, USA: *Humanistic psychology* (psychology)

Setha Low, Director, Public Space Research Group, City University of New York, New York, USA: *Sustainable cities* (anthropology)

Fadwa El Guindi, Trustee, World Academy of Art and Science (WAAS); Retiree Anthropologist, University of California at Los Angeles, USA: *Human security relativized* (anthropology)

Discussion

ULUS Gallery

16:20–17:00 **ART for The World**, Geneva, Switzerland: *Intersection of art and sustainability*, curator: **Adelina von Fürstenberg**, President; Fellow, World Academy of Art and Science (WAAS) (visual arts exhibition)

Ilija M. Kolarac Endowment

20:00–21:30 **Nemanja Radulović**, Paris, France, **Ksenija Sidorova**, Riga, Latvia, **Andreas Ottensamer**, Berlin, Germany, and **Avi Avital**, Berlin, Germany (music concert)

September 25, 2025, Thursday, Day 3

SECTION 3: CONTRIBUTIONS OF ARTS TO SUSTAINABILITY, Serbian Academy of Sciences and Arts

9:30–11:00 **SESSION 3.1**

Moderation:

Vladimir Kostić, Full Member, Serbian Academy of Sciences and Arts

Talks:

Vesna Goldsworthy, Department of English and Creative Writing, University of Exeter, UK; School of Literature, Drama, and Creative Writing, University of East Anglia, Norwich, UK: *Iron curtain* (prose)

Žarko Trebješanin, University of Belgrade, Serbia: *A secret connection between psychology and literature* (essays)

Mario Petrucci, London Art School, UK: *Art and sustainability: Salvation and the unholy Trinity* (poetry), tbc**

Discussion

11:00–11:30 *Coffee break*

11:30–13:00 **SESSION 3.2**

Moderation:

Mirjana Nikolić, Rector, University of Arts in Belgrade, Serbia

Talks:

Vera Milanković, Faculty of Music, University of Arts in Belgrade, Serbia; Member, Serbian Chapter of The Club of Rome: *The song was our salvation* (music)

John Savage, Old Bethpage, New York, USA: *My most demanding roles* (film)

Mrdan Bajić, Corresponding Member, Serbian Academy of Sciences and Arts: *Unreliable narrator* (sculpting)

Discussion

13:00–14:00 *Lunch break*

14:00–15:30 **SESSION 3.3**

Moderation:

Carlos Álvarez Pereira, Secretary General, The Club of Rome; Fellow, World Academy of Art and Science (WAAS)

Talks:

Edward Shanken, University of California, Santa Cruz, USA: *Intersections of art and science* (conceptual art)

Nils Bader, Founder and Director, Green Future Club, Berlin, Germany: *Green future* (design)

Lesley Lokko, Founder and Director, African Futures Institute, Accra, Ghana:
Cultural identity and architecture (architecture)

Discussion

CONCLUDING SESSION, Serbian Academy of Sciences and Arts

- 15:30–16:30 **Concluding talks:**
Ugo Bardi, National Interuniversity Consortium of Materials Science and Technology, University of Florence, Italy; Full Member, The Club of Rome; Fellow, World Academy of Art and Science (WAAS): *On the contributions of basic and applied sciences to sustainability*
Vesna Vučinić, Faculty of Philosophy, University of Belgrade, Serbia; Fellow, World Academy of Art and Science (WAAS); Former Chair, World Council of Anthropological Associations (WCAA): *On the contributions of social and humanistic sciences to sustainability*
Nebojša Nešković, Vice President, World Academy of Art and Science (WAAS); President, Serbian Chapter of The Club of Rome: *On the contributions of arts to sustainability*
Steven Hartman, Executive Director, BRIDGES Sustainability Science Coalition: *A transdisciplinary approach to sciences and arts*
- 16:30–16:50 **Concluding remarks:**
Nebojsa Nakicenovic, Vice Chair, Group of Chief Scientific Advisors, European Commission; Honorary Emeritus Scholar, International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria; Fellow, World Academy of Art and Science (WAAS)

Ethnographic Museum

- 17:20–18:00 **Dragoslav Pavle Aksentijević and the Record Group**, Belgrade, Serbia, and **Children’s Choir of the Serbian Church Singing Society of Pančevo**, Serbia (music happening)
18:00–18:40 **Gallery of Naive Arts**, Kovačica, Serbia, curator: **Ana Žolnaj Barca** (paintings exhibition)

Aeroclub

- 20:30–20:50 **Katarina Pejak Trio**, Serbia and France (music happening)
20:50–22:30 *Farewell dinner* and **Ivan Aleksijević**, Belgrade, Serbia, piano

*to be asked

**to be confirmed