



President

Greetings from St. Peter 02/24

Letter of the President

Salzburg, 14 June 2024

Dear members of the European Academy of Sciences and Arts,

As president I warmly thank all members who took part on the academy's events at the occasion of the General Assembly and Festive Assembly 2024 in Salzburg. Presidium and Senate of the Academy hope that you enjoyed our events and had a safe trip back home.

With respect to the elections 2025, there was a discussion at the general assembly about whether the members, although they have not paid, still have a right to vote. Presidium and Senate decided to handle this question in the future with the by-laws in Paragraph 4, Section 6:

“The membership expires

- On death, dissolution of the legal entity
- By means of a written declaration of resignation to the Presidium
- By removal by decision of the Presidium, if, despite repeated requests, no contribution to the activities of the Academy is to be expected and the member does not respond to notification of the impending removal
- By exclusion by decision of the Senate for dishonourable behaviour against the Academy as well as for violation of the Statutes and membership obligations.”

According to this paragraph, members who are not paying their dues and who will have been reminded multiple times may lose their membership, because they violate the membership obligations. Therefore, Presidium and Senate kindly remind the members of this rule. It will be used in order to decide on members, who in despite of repeated reminders, have not paid their dues, in future presidium meetings. Obviously, decisions about removal of membership need to be taken with utmost care. That will be considered case by case in the presidium, without changing the by-laws.

In order to support the visibility of the Academy, we used the announcements of EASA-projects in IAP (InterAcademy Partnership). In this report, EASA is said to aim at a transformation into an interdisciplinarily working academy. Therefore, beyond the significant achievements of its members, EASA initiated interdisciplinary expert groups to elaborate crucial topics for the future of Europe. There have been two expert groups on “Digitalization, Artificial Intelligence, and its Societal Impact” and “Energy, Environment, and Climate”. The expert groups wrote already two White Papers which were certified by the Senate of the Academy, published in the EASA official journal, and led to discussions and invitations with national and international institutions.



Our Proceedings of the European Academy of Sciences and Arts (PEASA) were also highlighted in IAP together with our STEMAC-project (Science, Technology, Engineering, Mathematics, in Arts & Culture) and the different events and initiatives concerning the topic of tolerance.

I like to invite you to an upcoming conference on „Innovation and Integration: A symphony of history, technology and art“ at 10-11 November 2024. ICIITSHA 2024 aims to deeply explore the intersection of technology and art, and explore the relationship, interaction, conflicts and challenges between the two, as well as the possibilities for future development, and to promote cross-border cooperation between science and technology and art, stimulate innovative thinking, explore the future development direction of science and technology and art, and contribute to building a future society where science and technology and culture are integrated.

Further on, the European Academy of Sciences and Arts together with the Serbian Academy of Sciences and Arts (SASA) cordially invite you to participate on the 13th Danube Academies Conference which will be held in Belgrade, Serbia on 9-10 October on the topic "*Green Blue Danube*". All topics should be related to the European Green Deal - preservation of Europe's natural capital, clean air and water, sustainable use of chemicals, food safety, transformation of agriculture and rural areas, clean and affordable energy, achieving climate neutrality, sustainable transport and the transition to a circular economy in the Danube region. The Danube Academies Conference is a forum for all national Academies of the Danube region and focuses on scientific developments in this area. With respect to the recent flood catastrophies of our big European rivers and their affluents, this conference will be highly topical.

The office will inform you about all these events in time. Please, consider also the online announcements of our events on the Academy's website carefully.

I wish you a nice and relaxing Summertime

Klaus Mainzer



NEW MEMBERS ELECTED BY THE SENATE

Nationality (N), Institution (I)

Class I:

Prof. Dr. Roberto GIUNTINI, University of Cagliari (I), Italy (N)

Class II:

Prof. Jürgen HAHN, Rensselaer Polytechnic Institute USA (I), Germany (N)

Prof. Michael BRAININ, Donau Universität Krems (I), Austria (N)

Prof. Gary TSE, Hong Kong Metropolitan University (I), China (N)

Class III:

Prof. Dr. Maria Luisa DALLA CHIARA, University of Florence (I), Italy (N)

Prof. Andreas KUHNLEIN, Academy for Arts Luoyang (I), China (N)

Acad. Painter Horst THÜRHEIMER, Germany (N)

Class IV:

Prof. Dr. Ivan CHODAK, Polymer Institute SAS (I), Slovakia (N)

Prof. Constantino TSALLIS, Centro Brasileiro de Pesquisas Físicas (I), Greece (N)

Class V:

Prof. Dr. Alexios PANAGOPOULOS, University Nikola Tesla, Serbia (I), Greece (N)

Prof. Gerald STEINER, Donau Universität Krems (I), Austria (N)

Prof. Nadia Amal BERNOUSSI, University Mohammed V, Morocco (I), Moroccan (N)

Class VI:

Dr. Guru MADHAVAN, U.S. National Academy of Engineering, USA (I), USA (N)

Prof. Jinjun SHAN, York University (I), Canada (N)

Prof. Dr.-Ing. Jinghua SHEN, Soochow University, China (I), German (N)

Prof. Athanasios V. VASILAKOS, University of Agder, Norway (I), Greece (N)

Prof. Palghat VAIDYANATHAN, California Institute of Technology, USA (I), USA (N)

Prof. Ben YOUNG, The Hong Kong Polytechnic University, China (I), Australia (N)

Prof. Zhuo ZHUANG, Tsinghua University, China (I), China (N)

Prof. Dr. Jie JIANG, Beijing University of Civil Engineering, China (I), China (N)

Prof. Ming CHENG, Southeast University, China (I), China (N)

Prof. Dr. Meihong WANG, University of Sheffield, UK (I), UK (N)

Prof. Puspendu BHUNIA, Indian Institute of Technology Bhubaneswar, India (N), India (N)

Prof. Shuang-Hua YANG, University of Reading, UK (I), UK (N)

Prof. Liang ZHOU, Nanjing University of Posts and Telecommunications, China (I), China (N)

Prof. Jian WANG, China University of Petroleum, China (I), China (N)

Prof. Zhibin JIANG, Shanghai Jiao Tong University, China (I), China (N)



Class VII:

Prof. Dr. Dr. Giulio MASPERO, Pontificia Università Santa Croce, Italy (I), Italy (N)

Prof. Dr. Sixto José Castro RODRIGUEZ, University of Valladolid, Spain (I), Spain (N)

Prof. Dr. Martin Stefan SALLMANN, University of Bern, Switzerland (I), Switzerland (N)

COLLOQUIUM ART MEETS SCIENCE

Continuation of the online colloquium series in SUMMER SEMESTER 2024:

12 April 2024 to 5 July 2024, organising committee: Violeta Dinescu, Dean Class III & Dušan Šuput, Dean Class II, start of each colloquium: 18:00 - 19:30, followed by an opportunity to discuss the lectures.

Zoom - Link for all colloquia:

<https://us06web.zoom.us/j/87030145638?pwd=B7CRiZtpyNt5b4shgBwWZPNsqZRaH4.1>

Meeting ID: 870 3014 5638

Identification code: 798487

SEMINAR SERIES QUANTUMNESS *Focus Group: Quantum Logic and the Second Quantum Revolution*, till 9 July 2024, Institute for Advanced studies (IAS), Technical University Munich, Organized by Roberto Giuntini (Philosopher in Residence TUM) and his hosts: Hans-Joachim Bungartz, Stefania Centrone and Klaus Mainzer. For further information and request for an access Link to the lectures (hybrid), please contact: roberto.giuntini@tum.de,

7th TUMOUR SYMPOSIUM

15 June 2024, Carl Thiem Clinicum Cottbus, under the patronage of EASA and Berliner Wissenschaftliche Gesellschaft, Scientific management and organisation: Björn Brücher, Member EASA, Class II

INTERNATIONAL and INTERDISCIPLINARY Scientific Conference "Days of Frane Petric"

22-28 September 2024, Kimen Hotel, Cres, Croatia, Croatian Philosophical Society, 32nd Days of Frane Petric comprise the conferences: "Non-Human Animals in Philosophy and Culture" and "Croatian Philosophy and Culture in Interaction and Context", President of the Organization Committee of the Days of Frane Petric: Ivo Đinić, University of Zagreb, Faculty of Humanities and Social Sciences, Contact address: jguc@ffst.hr

DAC- 13th DANUBE ACADEMIES CONFERENCE

9-10 October 2024, Topic: „Green Blue Danube“

EASA & Serbian Academy of Sciences and Arts (SASA), Belgrade,

call for abstracts till 30 June 2024!

Contact: Doris Klinda: dac@euro-acad.eu or dac@sanu.ac.rs



[THEODOR BILLROTH LECTURES](#)

till 4 December 2024, Berliner Wissenschaftliche Gesellschaft (BWG), the Theodor-Billroth-Academy with its International Consortium of Research Excellence (INCORE), take care about the original approach of natural scientists (German: Naturforscher): 'We advance interdisciplinary & critical thinking!' Under the Chair of Björn Brücher, EASA Member, Class II/online

[SYMPOSIUM on the occasion of the 85th birthday of Ernst Ulrich von Weizsäcker](#), member of EASA, Class IV, 3 July 2024, VDW-Marienstraße 19/20 | 10117 Berlin

[NEUROCARD 2024](#)

13th International Symposium on Neurocardiology/12th International Symposium on Noninvasive Electrocardiology, 4-5 October 2024, New Amphitheatre of Dedinje 2 Facility, First Floor Institute for Cardiovascular Diseases "Dedinje" Heroja Milana Tepica 1, 11040 Belgrade, Serbia

Organizing Committee: Branislav Milovanovic, Professor of Internal Medicine and Cardiology
Chairman of the meeting President of Serbian Neurocardiological Society, EASA Member, Class II
Milovan Bojic, Director Institute for Cardiovascular Disease, Dedinje, EASA Member Class II

ICIITSHA 2024, Conference on Innovation and Integration: „A symphony of history, technology and art“, 10-11 November 2024

AWARDING OF THE TOLERANCE PRIZE

15 November 2024

PAST EVENTS/ January-May 2024

[FROM COMPUTING to AI- Logical, Mathematical, Technical, and Philosophical Foundations](#)

31 May 2024, Università degli Studi Florence, Italy/Dipartimento di Lettere e Filosofia via della Pergola 60 - Firenze Sala Altana, Seminario di Logica e Filosofia della Scienza held by President Klaus Mainzer

[INTERDISZIPLINÄRES SYMPOSIUM](#)

6 June-8 June, 2024, Universität Freiburg Schweiz, Organisation Dekan Mariano Delgado, Freiburg, Volker Leppin, Yale University, EASA, Class VII: www.unifr.ch/theo | www.unifr.ch/ird
Registration/Auskunft und Anmeldung mariano.delgado@unifr.ch, in german language

[Third Summit on "Responsible use of generative AI for Science and Society"](#)

29 May, 2024, Paris Institute for Advanced Studies Hôtel de Lauzun, 17 quai d'Anjou, Île Saint-Louis, 75004. Organizing Committee: EASA President Klaus Mainzer,

Claudi Bockting, Amsterdam UMC, Centre for Urban Mental Health & University of Amsterdam, Institute for Advanced Study, EASA member, Class II, Dr. Evi-Anne van Dis, Amsterdam UMC, Centre for Urban Mental Health, University of Amsterdam, Dr. Olivier Bouin, International network of University-Based Institute for Advanced Study/Contact for queries: olivier.bouin@rfaia.fr,



SECOND QUANTUM AFTERNOON

16 May, 2024, Institute for Advanced Study Lichtenbergstraße 2a Auditorium (ground floor)
IAS & TUM, Speech Klaus Mainzer (TUM/EASA) / From the Quantum World to Quantum AI,

INTERNATIONAL FESTIVAL Chisinau-The Days of New Music/Minguet Quartet

15-19 May, and 27 May 2024, Chisinau, artistic director Ghenadie Ciobanu, member of EASA, Class III, Irina Mureşanu, violin, member of EASA, Class III, National Philharmonic Symphony Orchestra,
Conductor: Mihai Agafita

GENERAL ASSEMBLY 2024

6 April 2024, 9 a.m., Great Assembly Hall, University of Salzburg, Max-Reinhard- Platz

FESTIVE PLENARY SESSION 2024

6 April 2024 (11.30 am) - INAUGURATION CEREMONY: Our new members were officially inaugurated during our annual ceremonial meeting, including AWARDING OF THE PAUL CRUTZEN MEDAL to Prof. Dr Emmanuelle Charpentier, Nobel Laureate in Chemistry 2020, Member of EASA, Class IV. [News](#) & [Photos](#)

EVENING RECEPTION

The evening reception for all members and guests took place on 5 April at 7 p.m. in the Salzburg Residenz. [Photos](#)

SALZBURG TOLERANCE TALKS

5 April, 2024, 15:00 -17:00, Moderation & Chair: Mariano Delgado, Dean, Class VII, Jean Ehret, Vice-Dean, Class VII, Kapitelplatz 6, A-5020 Salzburg

WORKSHOP ON STEMAC

5 April, 2024, 11:00 - 14:00, Coordination & Chair: Ioannis Liritzis, Dean of EASA, Class IV, Faculty of Catholic Theology, University of Salzburg, Lecture Hall 101, Universitätsplatz 1, ground floor

LECTURE Klaus Mainzer "Rationality through artificial intelligence?"

19 March, 2024, 6-7.30 p.m., Centre for Philosophy of Science at the University of Münster, Schlossplatz 2/Lecture Hall 9, in German

EXHIBITION Monika v. Fioreschy

The exhibition of the weaving artist MONIKA FIORESCHY, member of EASA (Class III), took place from 3 February - 14 April 2024 at the Museum Moderner Kunst Wörlen in Passau

12th INTERNATIONAL CONFERENCE -It's About People 2024, AMEU & EASA

8-13 March, Alma Mater Europaea - Evropski centre, Maribor

WORKSHOP: Reviving the dialogue between the history and philosophy of science and technology,

11-12 March, Forschungsinstitut Deutsches Museum München (Library building, Alter Seminarraum 1402) Lecture Klaus Mainzer (President EASA/TUM): From computing to AI - Logical, mathematical and technical foundations



RECEIVED PRINT PUBLICATIONS

BOOKS

[WHITE Book \(Cooperation of IESP with EASA\) - An Interdisciplinary Discourse on Regulation](#)

Contributors: Hermann Auernhammer, Martin Grambow (Class VI), Michael von Hauff (Class V), Alois Heissenhuber, Brigitte Helmreich, Werner Lang, Anastassia Makarieva, Klaus Mainzer (President EASA, Class I), Holger Magel, Helmut Milz, Wolfram Mauser (Class IV), Ortwin Renn (Class VI), Yonghui Song (Class VI), Rao Surampalli (Class VI), Markus Vogt (Class VII), Mirka Wilderer, Peter Wilderer (Class VI)

[Artist's monograph on the 100th birthday of Žibuntas Mikšys](#)

Rainer Gottlieb Mordmüller (Class III) & Gerd Winner

[Limits of AI - theoretical, practical, ethical](#)

Klaus Mainzer, Reinhard Kahle, [Springer Publishing House](#) 2024

ARTICLES

[PEASA JOURNAL/PROCEEDINGS OF THE EUROPEAN ACADEMY OF SCIENCES AND ARTS](#)

The PEASA Journal accepts submissions from EASA members and non-members writing to the Editor-in-Chief: **Ioannis Liritzis** ioannis.liritzis@euro-acad.eu ; Legal editor ex officio **Klaus Mainzer** (President)

EASA has chosen [PAGEPress](#) Publisher for management and administration services with an annual fee paid by EASA

PAGEPress commenced in autumn 2023 and the new platform operates from January 2024 onwards.

MULTIMEDIA:

[COLLOQUIUM ARTS MEET SCIENCES/Sylvia Hinz/Milutin Djurickovic](#)

[COLLOQUIUM ARTS MEET SCIENCES/Dieter Mack/Marko Robnik](#)

[COLLOQUIUM ARTS MEET SCIENCES/Kilian Schwoon/Katica Kulavkova](#)

[COLLOQUIUM ARTS MEET SCIENCES/Thorsten Gubatz/Leszek Roszkowski](#)

[COLLOQUIUM ARTS MEET SCIENCES/Ioannis Melanitis/Guenter Schiepek](#)

[MIT Technology Review/Beyond GPT-Interview with President Klaus Mainzer](#)



BIRTHDAYS (April-June 2024)

50

Phoebe Koundouri, Katelijne Schiltz, Markus Aspelmeyer, Holger Gzella, Jianshe Yang

55

Claudi L. H. Bockting, Ines Gockel, Paulus Kirchhof, Wilhelm Schlag, Nicholas Theodorakopoulos, Xin Zhang, Mohamed Alouini, Irena Avsenik Nabergoj, Tianhong Cui, Jens Petersen

60

Henning Zoz, Walter Homolka, Thomas Schwartz, Reinold Schmücker, Frank Decker, André Kau

65

Konrad Bergmeister, Adrian Lungu, Wolfgang Mastnak, Hermann Reichensperner, Klaus-Peter Rippe, Štich Ivan, Christian Thielemann, Markus Vincent, Wilhelm Dancă, Jean-François Halet, Outi Merisalo, Dmitry Shvidkovsky, Ivan Šimonović, Alfred Wagenhofer, Tamás F. Freund, Ricardo Pozzo

70

Mehmed Akšamija, Reuben Jih-Ru Hwu, Wojciech Nowak, Martin Ostoja-Starzewski, Günter Riße, Sonia E. Sachs, Alexander Zapesotsky, Ravi Naidu, Günther Bader, Volker Reinhardt, Hartmut Schröder

75

Vladimír Bálež, Tony Cragg, Zoltán Tefner, Thomas Weigend

80

Andreu Mas-Colell, Wilfried Seipel

85

Leonid Vorobjev, Ulrich Weizsäcker

100

Torsten Wiesel

WE CONGRATULATE

[AWARDING OF THE "DIMITRIE CANTEMIR" MEDAL to Prof VIOLETA DINESCU](#)

On May 16th, 2024, the Academy of Sciences of Moldova hosted the conference "Romanian-German interferences in musical art", as part of the 33rd Edition of the International Festival "Days of New Music" Chisinau. Composer Violeta Dinescu, Professor, Dean of the European Academy of Sciences and Arts, Class III, addressed various topics related to the music of Romanian composers in Europe. The President of the Academy of Sciences of Moldova, acad. Ion Tighineanu, EASA member, Class IV, mentioned in his welcome message the valuable contribution of Prof. Violeta Dinescu to the development of the field of musicology, her active participation in promoting the values of Romanian musical art in the world, her involvement and dedication in training scientific staff, as well as her fruitful collaboration with the Academy of Sciences of Moldova. The activity of Violeta Dinescu was appreciated by the Presidium of the Academy of Sciences of Moldova with the "Dimitrie Cantemir" medal, the highest distinction of the Academy.

[Prof Dr BJÖRN BRÜCHER \(Class II\) was elected to the Board of Trustees of the David Ben-Gurion Foundation Germany](#)

Professor Dr Björn Brücher, Head of the Visceral Oncology Centre at the [Carl-Thiem-Klinikum](#) in Cottbus, member of EASA, Class II, has been elected to the Board of Trustees of the David Ben-Gurion

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Foundation Germany. The non-partisan and non-denominational David Ben-Gurion Foundation was established in 2008 with the aim of promoting international understanding and fostering mutual cultural and scientific exchange between Germany and Israel in the spirit of the first Israeli Prime Minister David Ben-Gurion. *Together with Chairman Felix Husmann, the concept for a student exchange programme with the Theodor Billroth Academy / The Billroth Lectures (EASA, The Billroth Academy with INCORE & Berliner Wissenschaftlichen Gesellschaft (BWG)) and its scientific consortium for excellence in research, INCORE has already been developed.*

[Bavarian Nature Conservation Award 2023 goes to em. Prof. Dr ROMAN TÜRK \(Class IV/ Paris Lodron University of Salzburg\)](#)

<https://www.researchgate.net/profile/Roman-Tuerk/2>

[APPOINTMENT of Prof. IOANNIS LIRITZIS, as a member of the Yellow River Cultural Heritage Laboratory of Henan University, Kaifeng, China](#)

Professor Ioannis Liritzis, Dean of Class IV and distinguished professor at AMEU and at Henan University was appointed a member of this Academic Committee on 31 May 2024. The inauguration ceremony and special forum were hosted by the Yellow River Civilization and Sustainable Development Research Center of Henan University. Prof Liritzis expressed his gratitude to the school for providing a research platform and appointing him member to this prestigious Academic committee. In future he will further contribute to this international cooperation spirit and will develop synergies between EASA, AMEU and Henan University. We are looking forward to fruitful cooperations!

WE ANNOUNCE

THE PYTHIAN Project/ GNOMON:EU

EASA member and Dean of Class IV, **Ioannis Liritzis**, took the initiative to revive the heritage of the Delphic Pythians under the leadership of EASA. A consortium was formed to apply for a project proposal under the EU programme "[Europe's Cultural Heritage and Arts - Promoting our Values at Home and Abroad](#)". The management and technical support is provided by the international company PWC Hellas ([PRICEWATERHOUSECOOPERS](#)). It consists of 7 EU countries as partners, whose representatives are mainly members of EASA (Greece, Cyprus, Romania, Italy, Slovenia, Austria, Germany)

Working title: GNOMON.EU: Guiding Narratives on Moments of Nascence in European Unity

The GNOMON project aims to celebrate European integration by linking it to the rich heritage of ancient Delphi and the Pythian Games, showcasing the journey from independent states to a unified Europe. This initiative highlights the benefits of integration, such as cross-border freedoms, civic rights, economic cooperation, and a shared European identity, while addressing the gap in public awareness about Europe's integration milestones and the values underlying the European Union (EU). Despite the EU's achievements in fostering unity, freedom, and rights, many Europeans remain unaware of the significance of these milestones and their implications for daily life. GNOMON seeks to reinvigorate the dialogue on Europe's shared history and future by drawing parallels between ecumenical values and modern integration, making this journey relevant and engaging for all. GNOMON invites everyone to explore the continuity of European identity, connecting past and present, and to appreciate the foundational ideals that propel Europe forward. This project is both a reflection on Europe's path and a call to engage with the principles that continue to shape our collective future. The planned indicative

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activities include artistic games, scientific workshops, training activities, dissemination and capitalisation of the project, thematic events in the partners' premises and cities, a major event in the ancient theatre of Delphi and much more...

[WHITE Book \(Cooperation of IESP with EASA\) - An Interdisciplinary Discourse on Regulation](#)

As the Institute for Earth System Preservation (IESP) of the European Academy of Sciences and Arts (EASA), we are pleased to publish the following memorandum. We want to thank Mr. Peter Wilderer (Class VI), founder of IESP, for his initiative and tireless efforts in the preparation of this publication. The question approached in the memorandum, namely to consider regulatory processes of nature as a possible model for our treatment of our planet, is of fundamental importance for our survival and challenge. This requires a thorough intellectual debate involving all scientific disciplines and is therefore well placed within EASA. The contributions provide a first high-level glance at the dimensionality of the topic. We are faced with the epochal task of uniting the many other aspects mentioned into an overall picture of the Anthropocene, ensuring the survival of mankind based on nature. A start has been made! It arouses curiosity, it invites participation, discourse, deepening and controversy within EASA and beyond.

The Executive Board of the IESP:

Prof. Dr. Michael von Hauff (Chairman of the Board, Class V), Prof. Dr. Dr. h.c. Klaus Mainzer (ex officio member of the Board, Class I), Dr. Martin Steger, Prof. Dr. Jörg E. Drewes, Prof. Dr. Wolfram Mauser (Class IV)

WE REGRET

[Rainer Warnig](#) (Class I), 1 January 2024

[Ferdinand Reisinger](#) (Class VII), 21 February 2024

[Achim Müller](#) (Class IV), 28 February 2024

[Maurizio Pollini](#) (Class III), 23 March 2024

Paul König Hertig (Class I), 23 March 2024

[Hans Joachim Meyer](#) (Class VII), 29 March 2024

[Abt Notker Wolf](#) (Class VII), 3 April 2024

[Klaus Töpfer](#), (Class V), 8 June, 2024

Requiescant in pace