



President

## **Greetings from St.Peter 02/23**

Letter of the President

Salzburg, 15th May 2023

Dear members of the European Academy of Sciences and Arts,

warm greetings in May from Salzburg to all our members. Many of you took part in the annual Festive Plenary and General Assembly on Saturday 15 April in Salzburg. Thank you very much for coming to Salzburg. It was great to meet you all.

The afternoon before on Friday 14 April there was the workshop on the White Papers of our EASA Expert Groups followed by the traditional reception in the Carabinieri Hall. In her festive speech, the Former Advocate General of the European Court of Justice (ECJ) and Member of the Board of the EU Agency for Fundamental Rights, Prof. Dr. Verica Trstenjak, spoke on the topic "Human rights in digital age: Will algorithms prevail over humanity". The theme of sustainability and climate was considered in this year's Awarding of the Honorary Senator. Dr. h.c. Ulrich Kubinger/VTA was honoured for his extraordinary innovations in this field and their implementation to keep water clean. The musical arrangement of this year's festive assembly was dedicated to one of the great universal woman scholars of European history, Hildegard of Bingen (1098-1179). I would like to thank the Dean of the Class of Art, Violeta Dinescu, for the phantastic musical arrangement.

The White Papers of the Academy presented on Friday 14 April were closely related to the topics of the Festive Plenary. During the workshop, we had an exciting discussion on Artificial Intelligence which was fueled by the new possibilities of an AI chatbot GPT in everyday life, but also in almost all areas of science, study and teaching. The energy issue also resonates strongly in the EU. Education is a major challenge. These three expert papers are published now online in the Proceedings of the Academy (PEASA). A fourth expert paper is still being prepared for the humanities.

At the last Senate meeting, it was decided to continue the work in the four expert groups. Interested members of the Academy are invited to join these groups and contribute to further discussions. Please, contact the coordinators of the expert groups.

On the background of the successful lecture series "Science meets arts/ Arts meets Science" and more recently "Arts meets Medicine" of classes II, III and IV, a new initiative was started: Education in Science, Technology, Engineering, and Mathematics (STEM), which is already widely promoted internationally, is to be linked with Arts and Culture (STEMAC). This new transdisciplinary and interdisciplinary field will be further developed through a first proposal to form a group of experts on the proposal of Ioannis Liritzis (Dean Class IV) and Klaus Mainzer (President) and a first group of experts from EASA members and non-members. Interested members of the Academy in STEMAC are invited to contact the Dean of Class IV as coordinator.

**ACADEMIA SCIENTIARUM ET ARTIUM EUROPAEA**



Furthermore, the Presidium and Senate have decided to think about a new format for the awarding of the Tolerance Awards from 2024 onwards. For this purpose, a presidential committee was formed, which will discuss the concept of tolerance in order to make further plans on this basis. For this year 2023, an ad-hoc group with Vice-President Birgit Harreß as chairwomen was formed to prepare the Awarding of the Tolerance Prize 2023 (November 17, 2023, 11 a.m. -1 p.m. / Salzburger Nachrichten, Festsaal).

The focus of the annual festive assembly was traditionally the inauguration of new members. The members who were admitted at the last Senate meeting can be found in the list below. Please, also note current and upcoming events listed under Schedule/Events.

All good wishes once again

Prof. Dr. Klaus Mainzer

President

#### **NEW MEMBERS ELECTED BY THE SENATE**

##### **Nationality (N), Institution (I)**

##### **Class I:**

Prof. Dr. Claus-Christian CARBON, Germany (N), Otto-Friedrich-University of Bamberg (I)

##### **Class II:**

Prof. Yi Zhun ZHU, Singapore (N), Macau University of Science and Technology (I)

##### **Class III:**

Prof. Dr. PhD Matthias HURST, Germany (N), Bard College Berlin (I)

Gheorghe MUSTEA, Moldova (N), IPNA "Teleradio-Moldova" Company

Mag. Nika RADIĆ, Croatia (N)

Professor Constantin RUSNAC, Moldova (N), National Commission of Republic Moldova for UNESCO (I)

##### **Class IV:**

Prof. Dr. Joachim Ernst F.BURGDORFER, Germany (N), Vienna University of Technology (I)

Prof. PhD Vadim KALOSHIN, Russia (N), Institute of Science and Technology Austria (I)

Prof. Mag. Dr. Christoph DELLAGO, Italy (N), University of Vienna (I)

Prof. Dr. Luca SALASNICH, Italy (N), University of Padua (I)

Prof. PhD Volkmar WEISSIG, Germany (N), College of Pharmacy, Glendale Campus (I)

Prof. Dr. Sebastian WOLF, Germany (N), Christian-Albrechts-University of Kiel (I)

##### **Class V:**

Prof. Vesna RIJAVEC, Slovenia(N), University of Maribor(I)



**Class VI:**

Prof. PhD Krešimir ČOSIĆ, Croatia (N), University of Zagreb (I)

Prof. Dr. Helga KROMP-KOLB, Austria (N), University of Natural Resources and Life Sciences Vienna (I)

Prof. Stefano LENCI, Italy (N), Polytechnic University of Marche, Ancona (I)

Prof. Daniel RITTEL, Israel (N), Technion, Israel Institute of Technology (I)

Prof. Xiao Lin ZHAO, Australia (N), The Hong Kong Polytechnic University (I)

**Class VII:**

Archbishop Vinko PULJIĆ, Bosnia & Herzegovina (N), The Catholic Church (I)

**SCHEDULE/EVENTS**

**Colloquium Art Meets Medicine - Summer Semester 2023**

April 21, 2023 – July 14, 2023, Class III meets Class II, Organisation Committee and chair: Violeta Dinescu, Dean Class III and Dušan Šuput, Dean Class II, 6 p.m. - 7.30 p.m. <https://euro-acad.eu/events?id=170>

**16th Baška GNSS Conference and the 3rd Workshop on Smart Blue and Green Maritime Technologies**

May 14-19, 2023, Baška, Krk Island, Croatia,

Contact Information: Serdjo Kos, FRIN, Class VI: [serdjo.kos@uniri.hr](mailto:serdjo.kos@uniri.hr)

University of Rijeka, Faculty of Maritime Studies

<https://euro-acad.eu/events?id=135>

**Lecture Series on „Complexity“, RWTH Aachen, Human Technology Center, DFG-Käte Hamburger College**

May 17, 2023, Klaus Mainzer: Complexity-From Natural and Social Sciences to Artificial Intelligence, 5 p.m.- 6.30 p.m.,

ZOOM-Invitation:

<https://rwth.zoom.us/j/91769488851?pwd=VnBKc1l1M0JRSzBzRDlwZFBodFIYQT09>

Meeting-ID: 917 6948 8851-Kenncode: 477889,

<https://euro-acad.eu/events?id=175>

**Policy Dialogue, Artificial Intelligence and Democracy: Challenges and Avenues of Amalgamation**

May 22- 23, 2023, Sala del Capitolo/Badia Fiesolana/Firenze, Speech President Klaus Mainzer, May 22, Program: <https://euro-acad.eu/events?id=167>

**Neurocard 2023**

May 26- 27, 2023, The 12th International Symposium on Neurocardiology and

The 11th International Symposium on Noninvasive Electrocardiology, Organisation Committee:

Branislav Milanovic, Class II, Congress President, Milovan Bojic, Class II, Director of the Institute.

Program: [https://www.euro-](https://www.euro-acad.eu/CMS/tinymce/js/tinymce/plugins/filemanager/source/Dateien/NEUROCARD%202023.Flyer.pdf)

[acad.eu/CMS/tinymce/js/tinymce/plugins/filemanager/source/Dateien/NEUROCARD%202023.Flyer.pdf](https://www.euro-acad.eu/CMS/tinymce/js/tinymce/plugins/filemanager/source/Dateien/NEUROCARD%202023.Flyer.pdf)



### **Interdisziplinäres Symposium (Interdisciplinary Symposium)**

June 1- 3, 2023, Kirchenlehrer und KirchenlehrerInnen-Entstehung, Wandel, Bedeutung  
Universität Freiburg/Theologische Fakultät, Organisation: Mariano Delgado (Dean Class VII), Volker Leppin (Member EASA, Class VII). Program: <https://euro-acad.eu/events?id=166>

### **Advanced Ceramics and Applications XI**

September 18- 20, 2023, Chairs: Dr. Lidija Mančić, Dr. Nina Obradović,  
(former president of the SCS and former EASA Delegate for Serbia, Vojislav Mitic †),

Program: <https://www.euro-acad.eu/CMS/tinymce/js/tinymce/plugins/filemanager/source/Dateien/Fist%20call%20-%20ACA%20XI%20conference.pdf>,  
<http://www.serbianceramicsociety.rs/>

### **12<sup>th</sup> Danube Academies Conference**

October 18- 20, 2023, patronage: President of the Slovenian Academy of Sciences and Arts (SASA):  
Prof. Dr. Peter Štih and President Klaus Mainzer, EASA.

Chairman of the Organising Committee, Head of the Department for International Relations and  
Scientific Coordination, Slovenian Academy of Sciences and Arts: Prof. Dr. Branko Stanovnik  
([international@sazu.si](mailto:international@sazu.si)), <https://euro-acad.eu/events?id=154>

### **Awarding of the Tolerance Price**

November 17, 2023, 11 a.m. -1 p.m./ Salzburger Nachrichten, Festsaal: Chairwoman and Organising  
Committee“ad-hoc-group“: Prof. Dr. Birgit Harreß- Vice President EASA, Prof. Dr. Wilfrid Bergmann,  
Prof. Dr. Stefan Zimmermann, Karl Salm-Treasurer EASA.

### **European Medical Forum South Tyrol**

October 28,2023, Continuation of the series“ Heart & Brain /Cuore e cervello“, Prof. Dr. Dr. h.c. Peter  
Winkler, Class II, <https://euro-acad.eu/events?id=172>

<https://suedtirol.live/en/event/prof-winkler-s-gesundheitstreff-e98173>

Music and Medicine/Medicina e musica, combined with Jazz & Wine-concert with Peter Winkler Jazz-  
Combo.

### **First Comprehensive Berlin Anatomy Course- Continuation**

December 8 – 10, 2023, Prof. Dr. Peter A. Winkler - Scientific Director and Member of EASA, Class II,  
<https://euro-acad.eu/events?id=174>

Program will be announced soon.

## **RECEIVED PRINT AND ONLINE PUBLICATIONS**

### **BOOKS**

**Marinov Zbornik, Laudatio to Emilio Marin, Papers in Honour of Prof. Emilio Marin**

Edition: Lux Vera, Zagreb 2023

**Klaus Mainzer, Zukunft durch nachhaltige Innovation: Im Wettkampf der Systeme**

Springer Gabler; 1. Aufl. 2023 Edition (28. Februar 2023), SIBE-Edition



## ARTICLES

**Costas Demetzos**, A 3D 'lego-like' Atomic Model Represents Viruses and/or m-RNA Vaccines. An Educational Multitasking Tool, <https://www.demetzoslab.gr/content/83/peer-reviewed-articles/>

**PEASA/Proceedings of the European Academy of Sciences and Arts, Vol.1, No.1, No.2**  
**published articles 2022/23:**

<https://www.peasa.eu/>

### **Inauguration Speech**

*Klaus Mainzer*

<https://www.peasa.eu/inauguration-speech/>

Published on: July 13, 2022

### **The ancient DNA of the N.E. Mediterranean/Euro-Asian Cultures and the Position of the Mycenaean Greeks among the first Cultures**

*Ioannis Liritzis*

<https://www.peasa.eu/ancient-dna-of-the-mediterranean-euro-asian-cultures/>

Published on: August 29, 2022

### **Perspectives to Fight Viruses. The Example of Sars-CoV-2**

*Costas Demetzos, Panagiotis Vlamos and Dimitrios Vlachakis*

<https://www.peasa.eu/perspectives-to-fight-viruses-the-example-of-sars-cov-2/>

Published on: October 7, 2022

### **The Dangerous Construction of National; Religious and Moral Identities in the Ukrainian War**

*Markus Vogt*

<https://www.peasa.eu/the-dangerous-construction-of-national-religious-and-moral-identities-in-the-ukrainian-war/>

Published on: October 13, 2022

### **The TUM Senior Excellence Faculty of the Technical University of Munich – A 15-Year Success Story**

*Michael Molls, Birgit Herbst-Gaebel, Joerg Eberspaecher, Herrmann Aurenhammer, Georg Faerber, Klaus Mainzer, Winfried Petry, Ralf Reichwald, Kristina Reiss, Peter Wilderer and Thomas F. Hofmann*

<https://www.peasa.eu/the-tum-senior-excellence-faculty-of-the-technical-university-munich-a-15-year-success-story/>

Published on: October 17, 2022

### **Aristotle's Μετεωρολογικά: Meteorology then and now**

*Riccardo Pozzo*

<https://www.peasa.eu/aristotles-meteorology-then-and-now/>

Published on: October 20, 2022

### **On A Mathematical Theory Of Sustainability Assessment**

*Yannis A. Phillis, Vassilis S. Kouikoglou, Evangelos Grigoroudis and Fotis D. Kanellos*

<https://www.peasa.eu/on-a-mathematical-theory-of-sustainability-assessment/>

Published on: November 4, 2022



**Costal Erosion: The Future of Sandy Beaches**

*Niki Evelpidou, Maria Tzouxanioti and Alexandros Liaskos*

<https://www.peasa.eu/costal-erosion-the-future-of-sandy-beaches/>

Published on: November 9, 2022

**Review of Gabriele Münnix: Das Bild vom Bild: Bildsemiotik und Bildphänomenologie in interkultureller Perspektive**

*Riccardo Pozzo*

<https://www.peasa.eu/review-of-gabriele-mu%cc%88nnix-das-bild-vom-bild-bildsemiotik-und-bildpha%cc%88nomenologie-in-interkultureller-perspektive/>

Published on: November 11, 2022

**Some fascinating Developments in Mathematics and Music**

*Emmanuel Amiot*

<https://www.peasa.eu/some-fascinating-developments-in-mathematics-and-music/>

Published on: November 30, 2022

**Poetics of Hypertimbralism in Music**

*Livia Teodorescu- Ciocanea*

<https://www.peasa.eu/poetics-of-hypertimbralism-in-music/>

Published on: December 22, 2022

**Symmetry and Symmetry Breaking in Science and Arts**

*Klaus Mainzer*

[https://www.peasa.eu/symmetry-and-symmetry-breaking-in-science-and-arts\\_klaus-mainzer/](https://www.peasa.eu/symmetry-and-symmetry-breaking-in-science-and-arts_klaus-mainzer/)

Published on: December 30, 2022

**Study of On-Site Upgraded Livestock Biogas Production and Carbon Emission Reduction By Substituting Coals For Thermal Power Generation**

*Jung Jeng Su*

<https://www.peasa.eu/study-of-on-site-upgraded-livestock-biogas-production-and-carbon-emission-reduction-by-substituting-coals-for-thermal-power-generation/>

Published on April 12, 2023

**Music Therapy: Scientific Perspectives and Clinical Prospects**

*Wolfgang Mastnak*

<https://www.peasa.eu/music-therapy-scientific-perspectives-and-clinical-prospects/>

Published on: April 13, 2023

**Policy Papers of the Expert Groups:**

**EASA Expert Group: Environment, Climate, and Energy -Toward Clean Energy production**

*Coordinator: Sergio Orlandi*

<https://www.peasa.eu/easa-expert-group-environment-climate-and-energy-toward-clean-energy-production/>

Published on: December 12, 2022



**EASA Expert Group: Digitalization, AI, and Societal Impact**

*Coordinator: Klaus Mainzer*

<https://www.peasa.eu/easa-expert-group-digitalization-ai-and-societal-impact/>

Published on: December 19, 2022

**EASA Expert Group: Education, Research, Innovation (ERI)**

*Coordinator: Ioannis Liritzis*

<https://www.peasa.eu/education-research-innovation-eri-policy-paper-on-eri/>

Published on: December 19, 2022

**MULTIMEDIA:**

COLLOQUIUM ART MEETS MEDICINE/KLAUS MAINZER, May 5, 2023,

Organization and chair: Violeta Dinescu, Dean of Class III, Dušan Šuput, Dean of Class II

ART and MEDICINE: KLAUS MAINZER: Artificial Intelligence - Challenge for Human Creativity?

Video-Link: <https://youtu.be/iux31h2dsas>

COLLOQUIUM ART MEETS MEDICINE/OLIVER KORTE/ZVEZDAN PIRTOŠEK, April 21, 2023,

Organization and chair: Violeta Dinescu, Dean of Class III, Dušan Šuput, Dean of Class II,

ART/Oliver Korte: Why coding? On the purpose, aesthetics, and techniques of cryptography in music,

MEDICINE/Zvezdan Pirtošek: The brain in gallery and at concert

Video-link: <https://youtu.be/GLPVYtcGWrw>

**BIRTHDAYS**

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Christoph Binder, Hanjo Allinger, Jan G.Jiracek von Arnim

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Jindrich Horáček, Dietmar Werner Winkler, Jan Bernd Elpert, Oliver Habler

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Youssef Fares

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Rudolf Taschner, Andrew Visnevski, Zoran Marij Arnež, Dominique Perrault, Peter Turčáni, Jochen

Taupitz, Ramadan Idrizaj, Hiromasa Ikeda, Andreas Gottlieb Redtenbacher, Thomas Walsh

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Andrew Kakabadse, Rosa Maria Claramunt Vallespi

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Orazio Attansi, Joachim Milberg, Christos S.Zerefos, Alexander Shabrov, Ulrich Widmaier

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Elmar Klinger, Ali L.Karasmanoğlu, Horst Scarbath, Wilhelm Schneider

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Richard Goldstein



**WE CONGRATULATE**

Mag.Ing.Dr.h.c. Ulrich Kubinger, [VTA](#) Austria to the Awarding of the Honorary Senator of EASA, for his outstanding achievements in the field of environmental technology.

[https://www.youtube.com/watch?v=RWgor\\_e-yY0](https://www.youtube.com/watch?v=RWgor_e-yY0)

<https://www.youtube.com/watch?v=2rm6jYpamt4>

<https://euro-acad.eu/news?id=76>