



## Greetings from St. Peter 04/23

Letter of the President

Salzburg, 21 November 2023

Dear members of the European Academy of Sciences and Arts,

The autumn of 2023 will be remembered as a time of warlike brutality, hate speech and irreconcilable tensions in society. On 17 November, the European Academy set an example by awarding this year's Tolerance Prize to the Academy's Honorary President. The award ceremony was organised by the "Salzburger Nachrichten" newspaper and hosted by its editor-in-chief Manfred Perterer. It was Felix Unger who not only introduced the Tolerance Prize during his term of office, but also the awarding of the three Tolerance Rings to personalities of Islam, Judaism and Christianity who endeavoured to promote tolerance. In 1997, the Tolerance Prize was awarded for the first time to the Mayor of Jerusalem, Teddy Kollek, who at the time was in favour of a two-state solution in the Middle East.

What common standards can we still hold ourselves to today? International law is binding, according to which wars of aggression, hostage-taking and atrocities against the civilian population are outlawed. In the case of a justified war of defence, however, the measures taken must be proportionate according to international law. In his impressive speech, the Governor of Salzburg, Wilfried Haslauer, explained how hatred and intolerance not only determine politics today, but also poison people's everyday lives right down to the universities.

The Dean of Class III (Art), Violeta Dinescu, had specially dedicated a musical composition "Letter to my friends" to the prize winner, which was performed for the first time. The laudatory speech was held by Vice President Birgit Harreß. The texts on the certificate and the plate of honour for the Tolerance Prize were written in Latin by Senator Maximilian Fussl in keeping with the Academy's long-standing tradition. The President recalled a statement by Albert Einstein, who was intended to be the first President of Israel three years before his death:

"As long as the opportunity is open to me, I will only stay in a country in which political freedom, tolerance and equality of all citizens before the law prevail. Political freedom includes the freedom to express political convictions orally and in writing, and tolerance includes respect for all individual convictions."

The topic of tolerance will continue to occupy the Academy in a handbook project by the Dean of Class VII of World Religions, Mariano Delgado. Another important event for the Academy was this year's Danube Conference on 18-20 October in Ljubljana. Every year, the national academies along the Danube organise a conference on joint academic topics. This year, the Slovenian Academy of Sciences and Arts organised a three-day conference on the topic of "Water". What unites the countries along



the Danube more than water? Apart from environmental and climate issues, the conference also focussed on water as one of the renewable energy technologies.

Another Academy project concerns EU Affairs & Funding: "Europe's Cultural Heritage and Arts - Promoting our Values at Home and Abroad". Against the background of our Academy's interdisciplinary classes, we want to recall the origins and heritage of European science, culture and art in ancient Greece in our EU proposal and highlight the lines of development in the present day. A first preparatory meeting took place on 15 November. I would ask all members to take note of the regular information and invitations to this project, which is being coordinated by the Dean of Class IV (Natural Sciences), Ioannis Liritzis.

As you know, Academia Europaea is an umbrella organisation of the Academy, which deals with educational initiatives in the various member countries. Slovenia has established a very successful branch in Maribor with numerous programmes ranging from courses on applied artificial intelligence (AI) to art and dance. I recently had the opportunity to get to know the new "European Centre for Education" near Bratislava, which was founded by our member Stefan Kassay and with which we are seeking intensive cooperation. I would also like to take this opportunity to thank the various regional groups, e.g. in Germany, which meet for joint lecture events and thus spread the Spirit of the Academy.

At the last Senate meeting, the organisation and continuation of the Academy journal PEASA through cooperation with a publishing house was decided and has now been realised. With regard to the Academy's programmes, I would ask you to regularly check the announcements on our Academy website. These include the recommendations on artificial intelligence "Living Guidelines for generative AI - why scientists must oversee its use. Recommendations of members of EASA with President Mainzer and international experts published by Nature", coordinated by Claudi Bockting (IAS University Amsterdam): <https://www.nature.com/articles/d41586-023-03266-1> Please also note the announcements on the current online event "Arts meets Medicine" in continuation of the successful series "Science meets arts/Arts meets Science".

Prof. Dr. Klaus Mainzer

President



**NEW MEMBERS ELECTED BY THE SENATE**

Nationality (N), Institution (I)

Class I:

postponed

Class II:

M.D., Ph.D. Prof. Sanja KUPESIC PLAVSIC, Croatia (N), Texas Tech University Health Science Center El Paso (I)

Prof. Osman SINANOVIĆ, Bosnia and Herzegovina (N), University of Tuzla, Sarajevo Medical School (I)

Prof. Dr. Ihsan SOLAROĞLU (N), Türkiye Koç University, Istanbul (I)

Prof. Dr. Hendrik STREECK, Germany (N), University of Bonn (I)

Prof. Dr. Ulrich MROWIETZ, Germany(N), University Medical Center, Campus Kiel (I)

Class III:

Prof. Ivar FROUNBERG, Norway (N), The Norwegian Academy of Music (I)

Mag<sup>a</sup> Monika CZERNIN, Austria (N)

Prof. Dr. Ghenadie CIOBANU, Republic of Moldova (N), Academy of Music, Theater and Fine Arts (I)

Prof. Dieter MACK, Germany (N), University of Music, Lübeck (I)

Class IV:

Prof. Martin EGLI, Switzerland (N), Vanderbilt University (I)

Prof. Panayotis KEVREKIDIS, Greece (N), University of Massachusetts, Amherst (I)

Class V:

Prof. Dr. Alberto DE FRANCESCHI, Italy (N), University of Ferrara (I)

Prof. Dr. Mag. Thomas JAEGER, Austria (N), Vienna University (I)

Prof. Phoebe KOUNDOURI, Greece (N), Athens University of Economics and Business (I)

Prof. Dr. Eva Inés OBERGFELL, Germany (N), Universität Leipzig (I)

Class VI:

Prof. Detlef BARTSCH, Germany (N), Bundesamt für Verbraucherschutz und Lebensmittelsicherheit (I)

Prof. Dr. Nedim SULJIC, Bosnia and Herzegovina (N), University of Tuzla (I)

Prof. Seifedine KADRY, Lebanon (N), Noroff University College (I)

Prof. Dr. Jacek ZURADA, Poland (N), University of Louisville, Kentucky (I)

Prof. Dr.-Ing. André KAUP, Germany (N), Friedrich-Alexander University Erlangen (I)

Prof. Liviu GORAS, Romania (N), "Gheorghe Asachi" Technical University of Iasi (I)

Class VII:

Prof. Dr. Reinhold BERNHARDT, Germany (N), Universität Basel (I)

Prof. Dr. Bernhard BLANKENHORN, Germany (N), University of Fribourg (I)

Prof. Dr. Klaus von STOSCH, Germany (N), Catholic Theological Faculty of Bonn University (I)



## UPCOMING EVENTS

### Colloquium Arts Meet Sciences

Continuation of the online Colloquium Series in the WINTER SEMESTER 2023-2024:

October 13, 2023 till January 26, 2024, Organization Committee: Violeta Dinescu, Dean Class III & Dušan Šuput, Dean Class II, [https://www.euro-acad.eu/CMS/tinymce/js/tinymce/plugins/filemanager/source/Dateien/Colloquium%20WS%202023\\_2024\\_Program.pdf](https://www.euro-acad.eu/CMS/tinymce/js/tinymce/plugins/filemanager/source/Dateien/Colloquium%20WS%202023_2024_Program.pdf), Start of each colloquium: 6 p.m. - 7.30 p.m., after which there will be an opportunity for discussion of the presentations.

Zoom Link for all Colloquia: <https://us06web.zoom.us/j/89076547558?pwd=KhD5EJEKHp7oxL4gV1gnLs5CAcJ5Zn.1>

Meeting-ID: 890 7654 7558

Kenncode: 532221

### Seminar Series Quantumness: from Logic to Engineering and back

Philosopher in Residence Fellowship Program

Focus Group: Quantum Logic and the Second Quantum Revolution

December 6, 2023, IAS Faculty Club, Lichtenbergerstraße 2a (TUM Munich), Organized by Prof. Roberto Giuntini (Philosopher in Residence) and his hosts: Prof. Hans-Joachim Bungartz, Prof. Stefania Centrone, Prof. Dr. Klaus Mainzer (President EASA), <https://euro-acad.eu/events?id=201>

### Silesian Science Festival Katowice

December 9-10, 2023, University of Silesia in Katowice

Lecture Prof. Dr. Klaus Mainzer (president EASA) „Artificial Intelligence – When do machines take over“ book by Klaus Mainzer, published by Springer, 2nd edition 2019 and Chinese translation 2022.

Prof. Dr. Klaus Mainzer will be the patron of the European City of Science Katowice in 2024, <https://euro-acad.eu/events?id=202>

### 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.

### International Scientific Symposium- Recent Advances in Neuroscience- the Brain Before and After Birth, December 8, 2023, Organisation Committee: Croatian Members of EASA, Class II: Asim Kurjak, Aida Salihagić Kadić, Milan Stanojević, Srećko Gajović and Dušan Šuput, Dean EASA, Class II, <https://euro-acad.eu/events?id=194>

6. Cottbuser Nahtkurs

December 9, 2023, Organisation: Prof. Dr. B. Brücher Leiter Viszeralonkologisches Zentrum (VZ) Cottbus, EASA-Member Klasse II, the Seminar is held in German language- Ort: Carl-Thiem-Klinikum Cottbus, 08:00- 17:30 Uhr.

### 6. Cottbuser Nahtkurs

December 9, 2023, Organisation: Prof. Dr. B. Brücher Leiter Viszeralonkologisches Zentrum (VZ) Cottbus, EASA-Member Klasse II, the Seminar is held in German language- Ort: Carl-Thiem-Klinikum Cottbus, 08:00- 17:30 Uhr.

### CAMTP- 20th Christmas Symposium of Physicists

December 14, 2023 at 9 a.m. and ends on Saturday 16 December 2023 at 6 p.m. /daily from 9 a.m. till 6 p.m. under the patronage and co-organisation of the European Academy of Sciences and Arts

Prof. Dr. Marko Robnik, Member of EASA, Director Center for Applied Mathematics and Theoretical Physics University of Maribor. Opening address: Prof. Dr. Klaus Mainzer, President EASA.

<http://www.camtp.uni-mb.si/fizmb/2023/index.sl.html>; <https://euro-acad.eu/events?id=200>



### **EVENING RECEPTION**

The Evening Reception for all members and guests will take place on April 5 at 7 p.m.

### **GENERAL ASSEMBLY 2024**

<https://euro-acad.eu/events?id=199>

Please Save the Date: April 6, 2024, 9 a.m.

### **FESTIVE SESSION 2024**

Please Save the Date: April 6, 2024 (11 a.m.) - INAUGURATION CEREMONY: our new members will be officially inaugurated during our annual Festive Session. AWARDING OF THE PAUL CRUTZEN MEDAL to Prof. Dr. Emmanuelle Charpentier, Nobel Prize Laureate in Chemistry 2020, Member of EASA, Class IV. <https://euro-acad.eu/events?id=198>

### **PAST EVENTS October-November 2023**

#### **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. <https://euro-acad.eu/events?id=192>

#### **Panel discussion "Speech recognition 2030 - between utopia and dystopia"**

November 10-11, 2023, Veranstaltung des Parlaments der Republik Österreich, öffentliche Plenardiskussion/ public plenary discussion in german language am 10. November 16 – 17:30 Uhr zu den Herausforderungen von KI-Chatbots für die Parlamentsarbeit mit Sprechern EASA-Präsident Klaus Mainzer (Technische Universität München), Judith Platter (Universität Wien), Sabine Köszegi (Technische Universität Wien); Friedrich Neubarth (OFAI). Veranstaltungsort war das österreichische Parlament, Dr.-Karl-Renner-Ring 3, 1010 Wien. <https://euro-acad.eu/events?id=182>

#### **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.

#### **Panel Discussion/Podiumsgespräch mit Präsident Klaus Mainzer**

##### **„Wenn China erwacht wird die Welt erzittern“**

October 27, In conversation between the President of the European Academy of Sciences and Arts, Prof. Dr. Klaus Mainzer (member of the Research Center for Education and Information at Peking University) and Dr. Manfred Osten (former Secretary General of the Alexander von Humboldt Foundation with many years of experience in the Far East), Urania Berlin, <https://euro-acad.eu/events?id=195>

#### **Celje International Scientific Conference**

October 26-28, Member of the Program Committee: Prof. Bojan Žalec, PhD, Head of the Institute of Philosophy and Social Ethics, University of Ljubljana, Faculty of Theology, Member of EASA, Class I, Lecture Prof. Dr. Klaus Mainzer „A New Renaissance for Europe: Challenges of Science and Philosophy in the Spirit of European Humanism.“ <https://euro-acad.eu/events?id=197>



### **12. International BioTech Innovation Days (IBID 2023)**

October 17-19, Organizer: Brandenburgische Technische Universität Cottbus-Senftenberg, Member of the Organisation Committee: Björn Brücher, Member EASA, Class II, <https://euro-acad.eu/events?id=196>

### **Workshop: Philosophy of Mathematics**

October 14, Lecture by President Klaus Mainzer: "From Mathesis Universalis to the Foundations of Mathematics and Artificial Intelligence", respondent: Jacques Dubucs (Paris), <https://paysgermaniques.fr/philosophy-of-mathematics/> Cooperation: Technische Universität München, Carl Friedrich von Weizsäcker-Center, Eberhard-Karls-Universität Tübingen Germany, Place: École Normale Supérieure, Paris, <https://euro-acad.eu/events?id=191>

### **WDR 5 – Philosophischer Radioabend**

October 14, 2023, Radiogespräch mit Prof. Dr. Klaus Mainzer, Präsident EASA über seine aktuelle Publikation, erschienen im Springer-Verlag 2023: *Zukunft durch nachhaltige Innovation*, <https://euro-acad.eu/events?id=193>

### **13. Cottbuser Tumor- Seminar „Leben mit Krebs – Kurz Update“**

October 11, 2023, organisation: Prof. Dr. Björn Brücher, Leiter Viszeralonkologisches Zentrum (VZ) Cottbus, EASA-Member Class II, cooperation with: Industrie, der Theodor-Billroth-Akademie® (TBA®) mit ihrem internationalen Konsortium INCORE, sowie der der Deutschen Krebsgesellschaft (DKG), Deutschen Gesellschaft für Chirurgie (DGCH), Berliner Wissenschaftlichen Gesellschaft (BWG) und der Europäischen Akademie der Wissenschaften und Künste (EASA).  
<https://www.euro-acad.eu/CMS/tinyMCE/js/tinyMCE/plugins/filemanager/source/Dateien/13%20Cottbuser%20Tumor-Seminar.pdf>  
<https://euro-acad.eu/events?id=184>

### **Conference Gödel und Kant, on Mathematics and Physics,**

October 11-13, 2023 at the Carl Friedrich von Weizsäcker Center, located at the University of Tübingen, Germany: <https://euro-acad.eu/events?id=190>

### **Laudato Si-Interdisciplinary Conference**

October 5-7, 2023, This conference was co-organised by the Dean of Class VII, Mariano Delgado, <https://euro-acad.eu/events?id=189>

## **RECEIVED PRINT PUBLICATIONS**

### **BOOKS**

**Alberto De Franceschi & Reiner Schulze**, *Harmonizing Digital Contract Law*, Bloomsbury Publishing, 2023

**Željko Knez, Christoph Lütge**, *Product, Process and Plant design using subcritical and supercritical fluids for industrial application*, Springer Berlin 2023

**Dietrich von Engelhardt**, *Medizin in Romantik und Idealismus, Gesundheit und Krankheit in Leib und Seele, Natur und Kultur, From the series: Medicine and Philosophy Edited by Matthias Bormuth, Giovanni Maio and Urban Wiesing, founded by Nelly Tsouyopoulos Volume 17, 1-4, Publisher: frommann-holzboog*

## **ACADEMIA SCIENTIARUM ET ARTIUM EUROPAEA**



## ARTICLES

„Living Guidelines for generative AI – why scientists must oversee its use.“ Recommendations of members of EASA with President **Klaus Mainzer** and international experts coordinated by **Claudi Bockting** (IAS University Amsterdam; EASA Member, Class II) published by Nature“:  
<https://www.nature.com/articles/d41586-023-03266-1>; <https://euro-acad.eu/news?id=82>; <https://euro-acad.eu/>

**Ioannis Liritzis**, *Sources of Error and Bias in Luminescence Dating, Mediterranean Archaeology and Archaeometry Vol. 22, No 1, (2022)* [https://www.euro-acad.eu/CMS/tinymce/js/tinymce/plugins/filemanager/source/Dateien/Liritzis\\_sources%20of%20error%20OSL.pdf](https://www.euro-acad.eu/CMS/tinymce/js/tinymce/plugins/filemanager/source/Dateien/Liritzis_sources%20of%20error%20OSL.pdf)

**Marko Robnik (Guest Editor)**, *Class IV, CAMTP, Maribor, Quantum Chaos- Dedicated to Professor Giulio Casati on the occasion of his 80th birthday, Slovenia Special issue of the journal Entropy (MDPI)* [https://www.mdpi.com/journal/entropy/special\\_issues/Quantum\\_Chaos](https://www.mdpi.com/journal/entropy/special_issues/Quantum_Chaos)

**Ioannis Liritzis (Dean EASA Class IV), I., Iliopoulos, I., Andronache I., Kokkaliari, M., Xanthopoulou, V.** *Novel Archaeometrical and historical transdisciplinary investigation of early 19th century hellenic manuscript regarding initiation to secret „Philike Hetaireia“, Mediterranean Archaeology and Archaeometry Vol. 23, No 1, (2023)*

**Ioannis Liritzis, Georgios S. Polymeris, Thomas E. Levyd**, *Radiocarbon dating of Kastrouli settlement: A critical assessment, Journal of Cultural Heritage 61 (2023) - journal homepage:* [www.elsevier.com/locate/culher](http://www.elsevier.com/locate/culher)

**Ioannis Liritzis, Boyatzis, S, Polymeris, G., Panagopoulou, A., Sideris, A., Rapti, S., Levy, T.**, *Remarks and caution on finds of Kastrouli Mycenaean Settlement (Loofah, Charocal, Bone, Wall Burnt Clay Cloating, Ceramic), Scientific Culture, Vol. 9, No. 2, (2023), pp. 1-28, Open Access. Online & Print*

**PEASA JOURNAL/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

**The Artistic Complexity of the Antikythera Mechanism: A Comprehensive Tutorial**

*Kyriakos Efstathiou, Marianna Efstathiou and Alexandros Basiakoulis*

<https://www.peasa.eu/the-artistic-complexity-of-the-antikythera-mechanism-a-comprehensive-tutorial/>

Published on: July 6, 2023

**Trojan War and Epic Cycle: The Historical and Literary Version Where, How, When and Why The Trojan War Myth was invented**

*Vasileios L. Konstantinopoulos*

Published on July 11, 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 ARTS MEET SCIENCES/Marjan Slak Rupnik/Ernst Poeppel**

Published: 13 October 2023

Organisation and Chair:

Prof. Violeta Dinescu, Dean EASA, Class III

Prof Dr. Dušan Šuput, Dean EASA, Class II

<https://euro-acad.eu/multimedia?id=46>

Video-Link: <https://youtu.be/pHcXxVx8ljk>

### **COLLOQUIUM ARTS MEET SCIENCES/Peter Herrmann/Qui Mao/Wolfgang Mastnak**

Published: 27 October 2023

Organisation and Chair:

Prof. Violeta Dinescu, Dean EASA, Class III

Prof Dr. Dušan Šuput, Dean EASA, Class II

<https://euro-acad.eu/multimedia?id=47>

Video-Link: <https://youtu.be/ViNlgz2Z-kc>

## **BIRTHDAYS (August-December 2023)**

50

Yigal Schwartz, Sharokh Shariat, Florian Bieber, Arsenios Kardamakis, Katarina Weilert, Domonko Héja, Esther Stocker, Holger Zaborowski

60

Hui Yu, Daloun Chen, István Mucsi, Peter Tass, Francis Verpoort, Ji-Feng Zhang, Ophir Frieder, Eugen Trinká, Horst Eidenmüller, Min Xie, Jinde Cao, Gan Montes, Jose Vicente, Erik Gawel, Reinhold Esterbauer, Krzysztof Kowalczyk, Thomas Neulinger

70

Zvi Schwartz, Shang Lien (Kevin)Lo, Volkmar Weissig, Thomas Evan Levy, Petr Duchek, Reinhard Marx, Ioannis Liritzis, Milan Stanojevic, Katherine Arens, András László, Vlado Matevski, Ivan Rozman, Frank Chervenak, Hanoch Daniel Wagner, Bernhard Meuser

75

Wilfried Loth, José Alfons Broekaert, Wolfgang-Andreas Schultz, Negoslav P.Ostojić, Ivan Kraijnc, Ferdinand Haschke, Anneli Aejmelaesus, Barbara D.Boyan, Mitchell Ash, Hans Sünkel, Dietrich Murswiek, Peter Kodwo Turkson, Christine Mann, Girolamo Cirrincione, Ashwani Gupta, Alexei Gvishiani, Jan Breza, Norbert Greiner, Milček Komelj, Jean De Groot, Jure Mikuž, Rafet Rudi, Rao Surampalli, Gebhard Fürst, Francisco Pitarch Michavila, Mimmo Paladino

80

Milan Hronec, Rainer J.Schweizer, Alain Tressaud, Georg Winckler, László Somlyódy, Gheorge Popa, Helmut Reinalter, Michael A.Gimbrone, Colin Blakemore, Jörn Hamann



85

Branko Stanovnik, Nicolas Juan Diez, Gordon Karaman, Ryoji Noyori, František Sehnal, Klaus Peter, Walter G. Land, Kurt Wüthrich, Herbert Gleiter, Claus Hipp, Gregor Zasche, Nicolae Panin, Manfred Osten, Ljubomir Maksimov, George De Babiniotis, Vassileios Gioultsis, Werner Thissen, Péter Sótónyi, Maria B.Sass-Gustkiewicz, Axel Denecke, Shlomo Grossmann

90

Paul König-Hertig, Ernst Bodner, Volker ter Meulen, Domenico Misiti

95

Yehezkel Dror

## **WE CONGRATULATE**

### **Honorary President of EASA; Prof. Dr.Dr.h.c.Felix Unger**

In the hall of the Salzburger Nachrichten press centre on November 17, the Tolerance Award 2023 was awarded to the Honorary President of EASA, Prof. Dr.Dr.h.c. Felix Unger.

Event-Impressions: <https://photos.app.goo.gl/c3AUHJpCYf4o8Cd7A>; <https://euro-acad.eu/news?id=83>

**Awarding of the "Officer of the Order of the Crown" to Prof. Dr Kristin De Troyer**, Secretary of EASA, Belgian Residence, Vienna, Date December 6, 2023

### **Prof. Dr. Ferenc Krausz, EASA-Member, Class IV, receives the Nobel Prize in Physics 2023**

Ferenc Krausz, Hungarian-Austrian physicist, director at the Max-Planck-Institute of Quantum Optics in Garching and professor at the Ludwig Maximilian University of Munich (LMU), receives the Nobel Prize in Physics 2023 together with Pierre Agostini from Ohio State University (USA) and Anne L'Huillier from Lund University (Sweden) for the pioneering work in attosecond physics.

Max-Planck-Institute for Quantum Optik: <https://www.mpg.de>

### **Awarding of the Paul Crutzen Medal 2024**

Prof. Felix Unger, initiator of the Paul Crutzen Medal-Awarding is pleased to announce, that Prof. Emmanuelle Charpentier, biochemist and microbiologist, member of Class IV and Nobel Laureate in Chemistry 2020, will receive the Crutzen Medal at the Festive Plenary 2024 from EASA.

## **WE REGRET**

Georgios Galitis (Class I), 2022

Konrad Meßmer (Class II), March 16, 2023

Angelika Wagner (Class I), July 9, 2023

Peter Bugl (Class VI), September 20, 2023

Hans Waldenfels (Class VII), November 12, 2023

Daisaku Ikeda (Honorary Senator EASA), November 15, 2023

Requiescant in pace



**Obituary from Prof. Dr.theol.Dr.h.c.mult. Peter Fischer-Appelt for Prof. Dr. Angelika Wagner**

BE TRANSFORMED BY THE RENEWING OF YOUR MIND

(Romans 12:2)

Psychology of Change

An obituary for Angelika C. Wagner

19 July 2023

She called it introversion, serenity through the resolution of inner conflicts, her great invention. She radiated this serenity, analysed it in all its facets and showed many of her readers how to achieve it. Even without help in this regard, she was cared for by her nephew, neighbour and friends when Long Covid, it seems, gradually took away her courage to face life. Angelika Wagner died on the morning of 9 July, shortly before her 79th birthday. Few people in her circle of work and friends knew about her condition, which was apparently made worse by the fact that her invention appeared under a different name. Great sadness has gripped all those who were close to her and to whom she passed away so unexpectedly. She had taught at the University of Hamburg for almost 24 years since she was appointed Professor of Educational Science and Educational Psychology on 2 December 1985. She came from Radeberg near Dresden, where she was born on 15 July 1944. This bright girl grew up in Bonn, where she studied maths, geography, psychology and education from 1963. I am touched that I could have met her there, as my gaze fell from a window of the Protestant Theological Seminary onto the newly built Psychological Institute, which had been placed in front of the east wing of the palace. On the other hand, she had been in Hamburg earlier than me, having passed her first state examination for teaching at primary and secondary schools here in 1967. She then won one of the scholarships for America and spent four years there in a formative period of psychological research. She completed her doctorate under Ronald Lippitt at the University of Michigan in Ann Arbor on the subject of "Changing Teaching Behaviour." Reutlingen was her next stop, where she helped women who were already at risk to find a protective home. She then came to Hamburg and found her feet so quickly in the local dynamic that after just two years she was elected Vice President for the term of office from 1 April 1988 to 31 March 1990. As Vice President, she very quickly became familiar with her areas of work, which included teaching and studying in particular. She made many contacts in the city, which stood her in good stead when setting up the "Mentoring" network, which promotes women's career entry and advancement skills after training and family care. Hundreds of mentors will remember her for this initiative. What she brought to this network, what underpinned her thinking and actions in all her work and ministries, was a remarkable boldness that inspired her to move confidently in all spaces and expand their social boundaries with reason.

R.I.P

**Obituary for Prof. Dr. med. Dr. h.c. mult. Konrad Meßmer**

***From the member journal: German Society for Surgery Professional Association of German Surgeons***

One of the most prominent representatives of surgical research in Germany, Prof. Konrad Meßmer, died after a prolonged illness on December 2, 2022. A dignified funeral service of the family took place in Munich on January 26, 2023 with the participation of many friends, colleagues, collaborators and students. Many of his students are/were in prestigious positions as chair holders, professors, chief physicians, etc. preferably of surgery or anesthesiology in Germany and abroad - as an indication of

**ACADEMIA SCIENTIARUM ET ARTIUM EUROPAEA**



the excellent clinical/scientific education and promotion of the professional academic career by Meßmer.

Konrad Meßmer studied medicine at the universities of Würzburg, Kiel, Berlin, Tübingen and Munich. He began his scientific career as a doctoral student of the urologist, Prof. Dr. Manfred Schmidt-Mende, then moved to Munich to join Walter Brendel, who had been appointed by Prof. Dr. Rudolf Zenker in 1961 from the W.G. Kerckhoff Institute for Circulatory Research of the Max Planck Society, Bad Nauheim, and was head of the newly founded Department of Experimental Surgery at the Clinic for Surgery of the Ludwig Maximilian University of Munich. Already as a student, Meßmer was Walter Brendel's junior partner, i. e. substantially involved in the establishment of Experimental Surgery at the Zenker Clinic.

The partnership of Meßmer and Brendel was the first secret of success of the rapidly growing department, which, due to its growing reputation, developed into the (probably first) independent chair of this discipline in Germany after only a few years. The young Meßmer felt responsible for all aspects of the department, including the animal stables. Messmer was not only interested in his narrower field of research, i. e. shock research, blood substitution, haemodilution etc., but also in the research projects of the other working groups, such as immunology or neurotraumatology - with offers of selfless support.

Major challenges soon arose, such as the organization of the first congress of the European Society for Experimental Surgery in Munich, to which Meßmer contributed both helpfulness and organizational talent. This was soon followed by the well-known international ski symposia in Kitzbühel and Axamer Lizum with top-class participants from all over the world. Soon the small department in the bunker of the Zenker Clinic in Nußbaumstrasse was bursting at the seams by the influx of in-house surgeons, visiting scientists and the growing number of doctoral students. To the rescue came the plans of the Bavarian state government to tackle a new building for the institute on the campus of the Großhadern Clinic Konrad Meßmer was actively involved in the planning of the institute down to the smallest detail - right down to the last socket. This was now also his institute - truly a magnificent facility, exemplary throughout Germany. No wonder that Meßmer was initially reluctant to accept a call to a corresponding (much smaller) department at the University of Heidelberg.

During his ten years in Heidelberg, he succeeded in turning a modest institution into a stately Institute for Surgical Research on the medical campus Im Neuenheimer Feld. Messmer's appointment to Munich in 1990 was then the crowning achievement of his dream. These were good times, and the realization of great innovative projects was within reach. However, things initially turned out differently.

Konrad Meßmer had a serious accident with craniocerebral trauma and a cerebrospinal fluid fistula requiring surgery. Despite this, the convalescent Meßmer soon returned to managing the institute's business with all its challenges.

A particularly important task was the nurturing and promotion of young scientists, preferably in the context of doctoral and post-doctoral studies. He mastered these tasks together with the staff of the hospital in an exemplary manner - testimony to this is the clinical scientific career of the academic youth on a national and international level, the large number of appointments to chairs, professorships, chief physician positions in particular in surgery and anesthesiology - both societies responsible for this in Germany made Konrad Meßmer their honorary member. Nevertheless, Meßmer never forgot that his success and reputation were also due to the exemplary commitment of his staff and the scientific guests he looked after.



The honors mentioned here were based on his clinically and scientifically highly relevant research projects as a foundation. Of these, shock and sepsis research, improvements in transfusion medicine, microcirculation, the complex of ischemia-reperfusion injury, etc. are particularly worthy of mention. The great abundance of awards from home and abroad included an Honorary Professorship of the Chinese Academy of Medical Sciences Beijing, an Honorary Fellowship of the American Association for Surgery of Trauma. Other honors include those from Swedish, Finnish, Polish, Spanish, Mexican, Japanese, American, Austrian, and higher-level European scientific societies. Societies. In addition, honorary doctorates from the Universities of Zaragoza, Granada, Santiago de Compostela, Cordoba and Nancy. Furthermore, Messmer was entrusted with considerable academic offices, among others as Dean of the Medical Faculty of the Ruprecht-Karls-University Heidelberg. Finally, his merits as an editor and advisor should be mentioned, among others, of European Surgical Research, Progress in Applied Microcirculation, Transfusion Alternatives, etc. - and - last but not least - the book series "What's New in Surgery?"

### ***Concluding remarks***

With Surgical Research, Konrad Meßmer represented a hinge function between the clinic and the laboratory, whose blossoming throughout Germany began in the early 1960s and reached its peak in the 1980s/90s - comparable to the curriculum of the Institute for Surgical Research in Munich. The successes were largely due to particularly suitable personalities such as Konrad Meßmer, who were willing to "sacrifice" a "scientific only" or "clinical only" career for a bridging subject - Surgical Research.

As Meßmer's curriculum shows, however, this "sacrifice" brought great rewards. The institutes in Munich and Heidelberg contributed significantly to the progress of surgery and anesthesiology.

However, a core problem is that only a few high-profile scientists are ready for the venture of entering new interdisciplinary territory. Understandably so, since surgical research itself is not a career discipline - there is also no specific training at best the orientation to the role models. The risk of surgical research as a career discipline becomes evident in the search for suitable young scientists. As an example, the succession of Konrad Meßmer can be mentioned, after which it failed to find personalities of the caliber of Meßmer and Brendel even out of eight proven applicants. Nevertheless, if the leadership profile required for surgical research is present, such as: scientific education in high-class basic research (e.g., in the field of medicine), the successor can be considered to be a "good candidate". Nevertheless, if the leadership profile required for surgical research is present, such as: scientific training in high-class basic research (possibly clinical research), enthusiasm for solving complex medical/surgical problems (research and development), as well as for promoting and nurturing the clinical-academic offspring, this important bridging subject could have a future as an independent discipline.

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R.I.P



### **Obituary in honor of Professor Dr. Josef Bugl**

On September 20, 2023, Professor Dr. Josef Bugl passed away. He lived to be almost 91 years old. His family and we, his friends, colleagues as well as members of the European Academy of Sciences and Arts, have lost a highly respected scientist and advisor who was influential even in the high politics of Germany. We see it as our responsibility to preserve and further develop his life's work.

Josef Bugl was born on Christmas Day 1932 in Weiden, Upper Palatinate (Bavaria). He studied chemistry, physics and mineralogy at the University of Innsbruck. In 1960, he received his doctorate in philosophy. In the years that followed, he deepened his scientific and technological knowledge at the Battelle Institute in Columbus Ohio (USA). In 1964 he was appointed director of the European Nuclear Research Center in Petten (Netherlands). This was followed by many years as managing director for reactor construction at Brown Boveri & Cie (BBC), based in Mannheim. In 1976, he was elected to the Baden-Württemberg state parliament as a member of the CDU, and in 1980 he served at the German Bundestag as a member of parliament. There he became, in particular, chairman of the Enquete Commission for Technology Assessment and thus also liaison to the U.S. Congress and Senate.

From then on, the demand for responsible and far-sighted technology development and implementation by governmental institutions as well as by science, industry and society became a central concern of Josef Bugl. Impressed by the work of the Club of Rome and aware of the consequences of global climate change, he henceforth devoted himself to the development of methods for the precautionary assessment of the consequences of human actions in the development and use of technological and institutional innovations. In recognition of his achievements in science and politics, he became 1996 a member of the European Academy of Sciences and Arts (EASA), founded in 1990. In 1998 he was appointed dean of the class "Technical and Environmental Sciences". To further develop the European Academy into a working academy, he promoted with great dedication the establishment of the EASA Institute for Advanced Studies on Sustainability, which continues to operate today under the name "International Expert Group on Earth System Preservation" (IESP). IESP is his legacy and our commitment.

### **Obituary of Prof. DDr.Dr.h.c. Hans Waldenfels by Prof. Dr.Dr.Mariano Delgado, Dean Class VII**

Dear members of Class VII,

It is my sad duty to inform you that our long-standing member Prof. DDr Dr h.c. Hans Waldenfels passed away on 12 November 2023 at the age of 93. We would like to honour his memory and hope that he has reached the God of Jesus, in whom he believed. You can find an obituary under this link: [https://www.iimf.de/fileadmin/redakteure/aktuelles/2023/Vg\\_Theologie\\_ist\\_immer\\_kontextuell\\_ZMR.pdf](https://www.iimf.de/fileadmin/redakteure/aktuelles/2023/Vg_Theologie_ist_immer_kontextuell_ZMR.pdf) And under this link you will find the third call for entries for the prize that bears his name. [https://www.iimf.de/fileadmin/redakteure/aktuelles/2023/Waldenfels-Preis\\_2024\\_Platat\\_A4.pdf](https://www.iimf.de/fileadmin/redakteure/aktuelles/2023/Waldenfels-Preis_2024_Platat_A4.pdf)

### **Obituary of Daisaku Ikeda, Honorary Senator of EASA and President of Soka Gakkai**

With deep sadness we have to inform you, that Daisaku Ikeda passed away. He was very voted to the academy as Honorary Senator. We will commemorate him in perpetual.

R.I.P.