



## COLLOQUIUM PROGRAM SPRING SEMESTER 2022

18.02.2022

06:00-06:30\* ARTS

**Emmanuel Amiot:** *Of some fascinating developments in Maths and Music*

06:30-07:00\* SCIENCE

**Varujan Vosganian:** *Literature as a treatise on history.*

07:00-07:30\*

Questions

04.03.2022

06:00-06:30\* ARTS

**Klaus Mainzer:** *Symmetry and Symmetry breaking in Science and Arts.*

06:30-07:00\* SCIENCE

**Thanasis Fokas:** *Perception as an inverse problem: from awareness to re-representations.*

07:00-07:30\*

Questions

18.03.2022

06:00-06:30\* ARTS

**Bei Peng:** *Listen, Measure, Calculate: In Search of the Urton of the 'Yellow Bell' in Chinese Music Theory.*

06:30-07:00\* SCIENCE

**Jocip Faričić:** *Old maps and charts between science and art.*

07:00-07:30\*

Questions

01.04.2022

06:00-06:30\* ARTS

**Hui Yu:** *The Ancient Chinese Scholarship on Musical Pitches and its Mathematical Approaches.*

06:30-07:00\* SCIENCE

**Zsolt Lavicza:** *Integrating the Arts into STEM education.*

07:00-07:30\*

Questions

08.04.2022

06:00-06:30\* ARTS

**Kristof Fenyvesi:** *Cognitive Development through Experiencing Mathematical Connections in the Arts and Design.*

06:30-07:00\* SCIENCE

**Kyriakos Efstathiou:** *The artistic complexity of Antikythera mechanism.*

07:00-07:30\*

Questions

\* PM Vienna-Time

Visit our website for more information:  
<https://euro-acad.eu/events?id=91>



**EUROPEAN ACADEMY**  
of Sciences and Arts

**Class III**  
**meets**  
**Class IV**

#### WHO IS WHO PER EVENT

**Emmanuel Amiot:** Professor of Mathematics in *CPGE*, researcher in music, mathematics and computer science since the 1980's. Member of the Society for Mathematics and Computation in Music, co-Editor in Chief of the *Journal of Mathematics and Music*. Pianist, composer and tango dancer.

**Varujan Vosganian:** Romanian essayist, novelist, poet, politician and economist. He was Romania's Minister of Economy and Finance. He is the President of Union of Armenians in Romania and Prime-vice President of the Union of Writers in Romania. His books have been translated into more than 20 languages.

**Klaus Mainzer:** Philosopher of science studies the foundations and future perspectives of science and technology. He focuses on mathematic basic research and computer modeling of science and technology. He is known as a researcher of complexity with a focus on complex systems, algorithms and artificial intelligence in science and society. President of EASA.

**Thanasis Fokas:** Professor, Chair of Nonlinear Mathematical Science, University of Cambridge Department of Applied Mathematics and Theoretical Physics; Adjunct Professor of Civil and Environmental Engineering Practice and Biomedical Engineering Practice, Univ. of Southern California. Member of the Academy of Athens, Greece; Member of Class IV, EASA

**Bei Peng:** M.A. in Musicology and Philosophy from Oldenburg University; PhD in Musicology at Heidelberg University. Lecturer at the Institute of Advanced Studies in Humanities and Social Sciences at Beijing Normal University; Main editor of Chinese edition of Theodor W. Adorno's works.

**Jocip Faričić:** Professor and Vice-Rector, University of Zadar, Department of Geography, Zadar, Croatia; Member of Class IV, EASA

**Hui Yu:** Changjiang Scholar Distinguished Professor of Chinese Ministry of Education, Donglu Distinguished Professor at Yunnan University, and Chair Professor at Xiamen University, China. Member of Class III, EASA.

**Zsolt Lavicza:** Professor at the Linz School of Education, STEM Education Centre, Johannes Kepler University, Linz, Austria; Member of Class IV, EASA

**Kristóf Fenyvesi:** Researcher of STEAM, trans- and multidisciplinary learning and contemporary cultural studies at the Finnish Institute for Educational Research, University of Jyväskylä, Finland. He is member of the Research Group for Innovative Learning Environments. Member of Class III, EASA.

**Kyriakos Efstathiou:** Professor, Chair Holder of the EU ERA Chair on Digital Cultural Heritage, Digital Heritage Research Laboratory (Cultural Informatics), Department of Electrical Engineering and Computer Engineering and Informatics, Cyprus

**Organizers:**  
**Class IV + Class III**

**Ioannis Liritzis:** Professor of Natural Sciences-Archaeometry, Henan University, China; Corresponding Member de L'Academie des Sciences, Arts et Belles Lettres, Dijon; Member and Dean of Class IV, EASA

**Violeta Dinescu:** Professor of Composition; Composer, Member of the Union of Composers and Musicologists of Romania, Member of the Union of Composers in Germany, Member and Dean of Class III, EASA