



EASA WORKSHOP

“Advancement of Scientific Thought”

Date: March 6th, 2025

Place: University of Salzburg

PRELIMINARY SCHEDULE

- 08:30-09:00 Registration
- 09:00-09:05 Opening by EASA President **Klaus Mainzer**
- 09:05-09:10 **Marko Robnik** (University of Maribor):
Introduction to the theme of the workshop
- 09:10-09:40 **Willibald Plessas** (University of Graz):
From observation to insight, to explanation, to knowledge, and thought
- 09:40-09:45 Discussion
- 09:45-10:15 **Markus F. Peschl** (University of Vienna):
Redefining knowledge creation, creativity and innovation in a radically disruptive world – novelty from co-becoming and engaging with future potential
- 10:15-10:20 Discussion
- 10:20-10:50 **Anastasios Bountis** (University of Patras):
Curiousness, inspiration, and education in scientific research
- 10:50-10:55 Discussion
- 10:55-11:20 Coffee, Tea
- 11:20-11:50 **Andreas Windisch** (Joanneum Research, Graz):
The evolution of learning machines: From foundations to future innovations
- 11:50-11:55 Discussion
- 11:55-12:25 **Klaus Mainzer** (EASA President and TU Munich):
Impact of artificial intelligence on science and society
- 12:25-12:30 Discussion
- 12:30-12:45 Contribution
- 12:45-13:00 Contribution
- 13:00-13:15 Contribution



- 13:15-14:00 Lunch
- 14:00-14:30 **Rainer Blatt** (University of Innsbruck):
Expectations from quantum computing
- 14:30-14:35 Discussion
- 14:35-15:05 **Marko Robnik** (University of Maribor):
Unpredictability in nature
- 15:05-15:10 Discussion
- 15:10-15:40 **Reiko Yamada** (ICFO and ESMUC, Barcelona):
Can the arts truly inspire the scientific mind? A composer's journey in a
physics institute
- 15:40-15:45 Discussion
- 15:45-16:00 Contribution
- 16:00-16:15 Contribution
- 16:15-16:40 Coffee, Tea
- 16:40-17:10 **Ioannis Liritzis** (EASA Dean Class IV and AMEU Maribor):
History of scientific research and automation
- 17:10-17:15 Discussion
- 17:15-17:45 **Kristin De Troyer** (University of Salzburg):
From data to text: How data influence the reconstruction of the biblical
text
- 17:45-17:50 Contribution
- 17:50-18:05 Contribution
- 18:05-18:20 Contribution
- 18:20-18:35 Contribution
- 18:35-19:00 General Discussion and Closing