

# Πρόσκληση

Δημόσια Ομιλία

## **The challenge of sustainability and its implications for science and technology education**

**Prof. Dr. Ingo Eilks FRSC**  
Department of Biology and Chemistry  
University of Bremen, Germany

Δευτέρα  
20 Μαρτίου 2023  
ώρα 18:00

Αμφιθέατρο 1  
Κτήριο Τάσος Παπαδόπουλος  
Οδός Θέμιδος και Ιφιγενείας γωνία, Λεμεσός



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Η Ερευνητική Ομάδα Νέα Μέσα, Νόηση και Μάθηση, το Τμήμα Επικοινωνίας και Σπουδών Διαδικτύου και το Sustainable Energy Lab του Τεχνολογικού Πανεπιστημίου Κύπρου σάς προσκαλούν σε δημόσια ομιλία με θέμα:

## **The challenge of sustainability and its implications for science and technology education**

### **Ομιλητής:**

*Prof. Dr. Ingo Eilks FRSC*

*University of Bremen - Department of Biology and Chemistry*

*Institute for Science Education (IDN)-Chemistry Education*

*<http://www.chemiedidaktik.uni-bremen.de>*

*[https://www.researchgate.net/profile/Ingo\\_Eilks](https://www.researchgate.net/profile/Ingo_Eilks)*

*Joint Co-Editor International Journal of Physics and Chemistry Education*

*Joint Founding Editor of Action Research and Innovation in Science Education*

### **Σύντομη περίληψη:**

The world is challenged by several risks, like climate change, biodiversity loss, or sufficient supply with needed resources. These developments are conceptualized by different organizers for a sustainable future, finally addressed by the 17 Sustainable Development Goals (SDGs) issued by the United Nations in 2015. Most of these SDGs are directly, or indirectly, connected to questions of science and technological developments. The talk will discuss selected concepts of sustainable development and how addressing them should have impact on modern science and technology education, from early childhood, via secondary and higher education, towards lifelong learning.

*Η ομιλία θα διεξαχθεί στα αγγλικά.*

## Σύντομο βιογραφικό ομιλητή



### **Prof. Dr. Ingo Eilks FRSC**

Prof. Dr. Ingo Eilks FRSC is a full professor for chemistry education at the University of Bremen, Germany, since 2004. From 2023, he additionally will work as an adjunct professor for science education at Universitas Negeri Malang, Indonesia. Having been educated as a high school teacher for chemistry and mathematics, he early engaged in the domain of chemistry education research and development. His research interests encompass, among others, socio-scientific issues-based science teaching, education

for sustainable development, or innovations in higher education. For more than 20 years now, these interests are deeply connected to cooperatively working with teachers following specifically adopted models of action research in science education. Ingo Eilks has written so far about 600 articles, chapters, textbooks, or has co-edited different books and special issues in national and international journals. Recent achievements were the 2017 Award for the Incorporation of Sustainability into Chemical Education by the American Chemical Society, the invitation to be a lead author of the 2019 Global Chemicals Outlook II by the United Nations Environmental Program, or having been selected one of the STEM ambassadors of the year 2021 in Germany.