



A Roundtable Discussion on



The Future of Sciences and Engineering Education

Organized by: The Athens Institute for Education and Research (ATINER)
at ATINER's Downtown Office, 9 Chalkokondili Street, Athens.

Date: Monday 17 July 2023

Time: 13:30-15:30

PROGRAM

Moderator: Gregory T. Papanikos, President, ATINER.

Invited Speakers:

1. **Vivian Incera**, Dean, College of Sciences, University of Texas Rio Grande Valley, USA & Member of the Board of Directors of the American Physical Society (APS). [*Challenges and Opportunities of STEM Education in the 21st Century.*](#)
2. **Evangelos J. Sapountzakis**, Professor & Vice Rector of Finance, Planning and Development, National Technical University of Athens (NTUA), Greece. [*Hybrid Learning: An Integrative Approach Merging Theoretical Background and Market-driven Orientation.*](#)
3. **Gonzalo M. Dominguez Almaraz**, Professor, University of Michoacan (UMSNH), Mexico. [*Financial Support in Education.*](#)
4. **Bala Maheswaran**, Professor, Northeastern University, USA. [*Sustainability in Engineering Education.*](#)
5. **Duncan Carlsmith**, Professor, University of Wisconsin-Madison, USA. [*The Future of Physics and Physics Education.*](#)
6. **Masoud Ghezelbash**, Professor, University of Saskatchewan, Canada. *Importance of New Discoveries in Science Education.*
7. **Adrian Ionescu**, Professor, Wagner College, USA. [*Trends in the Computer Science Education and Curriculum in the US Universities.*](#)

Invited Discussants:

1. **Glen Bright**, Dean & Professor, School of Engineering, University of KwaZulu-Natal, South Africa.
2. **Mounir Mabsout**, Professor and Chair, Department of Civil and Environmental Engineering (CEE), American University of Beirut, Lebanon.
3. **Nadhir Al-Ansari**, Professor, Department of Civil, Environmental and Natural Resources Engineering, Lulea University of Technology, Sweden.
4. **Theodore Trafalis**, Professor of Industrial and Systems Engineering & Director, Optimization & Intelligent Systems Laboratory, The University of Oklahoma, USA.
5. **Ampalavanar Nanthakumar**, Professor, State University of New York (Oswego), USA.

Lunch
