

TÜBİTAK-Research Institute for Fundamental Sciences (TBAE)  
Inspiring Online Seminars Series  
Gebze, TURKEY

It is very unfortunate that Covid-19 coronavirus outbreak continues to evolve in the world. As a consequence, many research and training activities such as conferences, workshops, summer schools are postponed or cancelled. In order to mitigate the negative impacts of this situation on scientific thoughts and science-based actions, TBAE organizes inspiring Online Seminar Series for national and international audiences in various branches of fundamental science as well as interdisciplinary areas.

- 1) As part of the Chemical Sciences Seminar Series of TBAE, Prof. Dr. Olexandr Isayev from the Department of Chemistry, Carnegie Mellon University (USA) will give a talk entitled “*Neural Networks Learning Quantum Chemistry*”.

The talk will be held on April 1 2021, 19:00 – 20:00 (GMT +3) via Zoom platform <https://tubitak-gov.zoom.us/j/97060845850> (Meeting ID: 970 6084 5850) and will be live-streamed on our YouTube channel: <https://www.youtube.com/c/tubitaktbae>

Web Site: <https://tbae.tubitak.gov.tr/en/haber/neural-networks-learning-quantum-chemistry>

- 2) As part of the Astronomy and Space Sciences Seminar Series of TBAE, Prof. Dr. Baha Balantekin from the Department of Physics, University of Wisconsin-Madison (USA) will give a talk entitled “*The Role of Neutrinos in the Element Synthesis and Entanglement in Collective Neutrino Oscillations*”.

The talk will be held on April 8 2021, 19:00 – 20:00 (GMT +3) via Zoom platform <https://tubitak-gov.zoom.us/j/94721749212> (Meeting ID: 947 2174 9212) and will be live-streamed on our YouTube channel: <https://www.youtube.com/c/tubitaktbae>

Web Site: <https://tbae.tubitak.gov.tr/en/haber/role-neutrinos-element-synthesis-and-entanglement-collective-neutrino-oscillations>

- 3) As part of the Mathematical Physics and Applied Mathematics Seminar Series of TBAE, Prof. Dr. Fay Dowker from Imperial College London (UK) will give a talk entitled “*Physics and Experience*”.

The talk will be held on April 22 2021, 19:00 – 20:00 (GMT +3) via Zoom platform <https://tubitak-gov.zoom.us/j/93191686960> (Meeting ID: 931 9168 6960) and will be live-streamed on our YouTube channel: <https://www.youtube.com/c/tubitaktbae>

Web Site: <https://tbae.tubitak.gov.tr/en/haber/physics-and-experience>