

TÜBİTAK-Research Institute for Fundamental Sciences (TBAE)

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 demoralization effects associated with this situation, 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 Biological Sciences Seminar Series of TBAE, Prof. Dr. Nir Ben-Tal from the George S. Wise Faculty of Life Sciences, Tel Aviv University (Israel) will give a talk entitled “*Global View of the Protein Universe*”.

The talk will be held on October 15 2020, 19:00 – 20:00 (GMT +3) via Zoom platform (**Meeting ID: 914 8441 7376**) and will be live-streamed on our youtube channel: <https://www.youtube.com/c/tubitaktbae>

Web Site: <https://tbae.tubitak.gov.tr/en/haber/global-view-protein-universe>

- 2) As part of the Astronomy and Space Sciences Seminar Series of TBAE, Assoc. Prof. Dr. Cora Dvorkin from Harvard University (USA) will give a talk entitled “*Unveiling the Nature of Dark Matter with Cosmological Observables*”.

The talk will be held on October 22 2020, 19:00 – 20:00 (GMT +3) via Zoom platform (**Meeting ID: 917 8132 6507**) and will be live-streamed on our youtube channel: <https://www.youtube.com/c/tubitaktbae>

Web Site: <https://tbae.tubitak.gov.tr/en/haber/unveiling-nature-dark-matter-cosmological-observables>

- 3) As part of the Interdisciplinary Seminar Series of TBAE, Prof. Dr. Bilge Yıldız from Massachusetts Institute of Technology (USA) will give a talk entitled “*Energy-Efficient Hardware for Brain-inspired Computing: Artificial Synapses Based on Proton and Oxygen Motion*”

The talk will be held on October 29 2020, 19:00 – 20:00 (GMT +3) via Zoom platform (**Meeting ID: 985 2831 8363**) and will be live-streamed on our youtube channel: <https://www.youtube.com/c/tubitaktbae>

Web Site: <https://tbae.tubitak.gov.tr/en/haber/energy-efficient-hardware-brain-inspired-computing-artificial-synapses-based-proton-and-oxygen>

- 4) As part of the Mathematical Physics and Applied Mathematics Seminar Series of TBAE, Prof. Dr. Cumrun Vafa from Harvard University (USA) will give a talk entitled “*Puzzles to Unravel the Universe*”.

The talk will be held on November 5 2020, 19:00 – 20:00 (GMT +3) via Zoom platform (**Meeting ID: 978 7828 6676**) and will be live-streamed on our youtube channel: <https://www.youtube.com/c/tubitaktbae>

Web site: <https://tbae.tubitak.gov.tr/en/haber/puzzles-unravel-universe>