

Cambridge Science Festival - Panel Discussion

New Perspectives: Lightning, Climate Change, and Other Exciting Scientific Challenges

Sponsored by the Cambridge-Yerevan Sister City Association (CYSCA)
Co-sponsored by the MIT Armenian Society and National Association
for Armenian Studies and Research (NAASR)

Learn about the latest research on thundercloud electrification, natural particle accelerators above our heads, global electrical circuits, terrestrial gamma rays, and space weather and nuclear security. An expert panel of international scientists will describe their research.



Prof. Ashot Chilingarian is director of the A.Alikhanyan National Laboratory (Yerevan Physics Institute) and head of its Cosmic Ray Division. He chairs the Aragats Space Weather Center and Armenian-Russian laboratory on atmospheric physics.



Prof. Joseph Dwyer is a Professor and Peter T. Paul Chair in Space Sciences, University of New Hampshire. He was instrumental in establishing new science field of High Energy Physics in Atmosphere.



Dr. Bagrat Mailyan is postdoc in the Geospace Physics Laboratory, Florida Institute of Technology. Bagrat was the first who recovered energy spectra of electrons accelerated in thunderclouds above Aragats.



Prof. Ningyu Liu is Associate Professor of Physics and Space Science at the University of New Hampshire. His studies include ionospheric physics and near earth environment.



Prof. Areg Danagoulian is an Assistant Professor of Nuclear Science and Engineering at MIT. His research interests include problems in nuclear security, e.g. nuclear treaty verification and cargo security.



Dr. Earle R. Williams is a research scientist at MIT engaged in studies of physical meteorology, including atmospheric electricity, cloud microphysics, radar meteorology, and volcanology.

Monday, April 17, 2017 - 7:00PM

Massachusetts Institute of Technology (MIT)

Building E51, Room 315

70 Memorial Drive, Cambridge, MA

Open to the Public

Refreshments to Follow

For more information contact Alisa Stepanian at asteoanian@aol.com