

BIO

Tenio Popmintchev

Prof. Tenio Popmintchev is an Assistant Professor in the Physics Department and the Center for Advanced Nanoscience at the University of California San Diego. He received his PhD in Atomic, Molecular, and Optical Physics from the JILA Institute and University of Colorado Boulder in 2010, where he conducted pioneering research on ultrashort pulse lasers and bright coherent X-ray generation with designer classical and quantum properties. Prof. Popmintchev is an internationally recognized leader in the field of Attosecond and X-ray Science. He has over 100 publications, including papers in Science, Nature Photonics, Nature Physics, and Physical Review Letters. His many honors include the Sloan Research Fellowship, European Research Center Starting Grant, Science News USA 10 Outstanding Young Scientist Award, Presidential Medal for Pioneering Contribution to Science and Technology. Prof. Popmintchev led groundbreaking work on generating attosecond-to-zeptosecond X-ray pulses in the keV regime - the shortest events ever created in a laboratory. His research on developing bright coherent EUV and X-ray light with tunable spectral, spatial, and temporal shape, and tunable angular momentum has enabled new capabilities for ultrafast multidimensional imaging and spectroscopies at the space-time extreme.

