



Name: Boris Karasik

Affiliation: Jet Propulsion Laboratory, California Institute of Technology (since 1995)

Position: Research Technologist V, Principal Staff

Previous Positions: Senior Scientist, Moscow State Pedagogical University (MSPU), Moscow, Russia

Education: Ph.D. MSPU, 1988; M.S. PetrSU, 1979

Research Interests/Areas of Expertise: Sub-mm detectors for astrophysics, planetary, and Earth observations, hot-electron bolometers for direct and heterodyne THz detection, single-photon detectors, superconducting readouts, energy relaxation processes in thin superconducting films.

Publications: 150 journal (Nat. Nano., Phys. Rev. B, Appl. Phys. Lett., IEEE Trans. Appl. Supercond., SUST, etc.) and conference publications, 7 patents

Approximate Number of Years in Applied Superconductivity: 30

Membership in Professional Societies: IEEE, APS

Previous ASC Service: Electronics Program Committee ASC 2006; Session Chair ASC 2002, 2006, 2008, 2010, 2014; Short Course Lecturer ASC 2004, ASC 2006; paper reviewing

Service to Related Conferences: Organizing Committee, 9th Int. Symp. Space THz Technol. (1998); Panel member, 21th Int. Symp. on Supercond. (2008); Panel Lead, US Workshop on Supercond. Electronics: Dev., Circ., and Sys. (2009); Program Committee, Int. Conf. "Terahertz and Microwave radiation: Gen., Det. and Appl." (2012); reviewing for ISEC, LTD Workshops