Dr. MICHAEL GOLOSOVSKY  
List of Publications (2019)

M.Sc. These (1978)  
"The effect of superconducting transition on nonlinear acoustic attenuation in lead"

Ph.D. These (1983)  
"Optical damping of dislocations in ionic crystals"

Articles in refereed journals:  
NONLINEAR ULTRASONIC ATTENUATION IN SUPERCONDUCTORS


IONIC CRYSTALS, DISLOCATIONS, PHOTOCHEMISTRY


MICROWAVE PROPERTIES OF SUPERCONDUCTORS


Artificial dielectrics, waves in random media


**Near-field microwave scanning probe-technique**


**Microwave scanning probe-applications**

LOCAL MAGNETIC RESONANCE—ESR, FMR, AND SWR


LOCALIZED MICROWAVE HEATING, MICROWAVE EFFECT ON BIOLOGICAL OBJECTS


PHOTONIC CRYSTALS AND NEGATIVE REFRACTION MATERIALS


MICROWAVE SPECTROSCOPY, FERROMAGNETIC RESONANCE


77. S. Mercone, M. Belmeguenai, S. Malo, F. Ott, F. Cayre, M. Golosovsky, B. Leridon, C. Adamo, and P. Monod, "Investigation of ferromagnetic heterogeneities in La0.7Sr0.3MnO3 thin films", J. Physics D 50, 045001 (2017).

SURFACE PLASMON, INFRARED SPECTROSCOPY, BIOPHYSICS


**Complex Networks**

98. Alex Kindler, Michael Golosovsky, and Sorin Solomon "Early prediction of the outcome of Kickstarter campaigns: is the success due to virality?", Palgrave Communications 5:49 (2019).


Book chapters


Patents


Participation in international scientific conferences

1989- 43rd Annual Symposium on Frequency Control, Denver USA (contributed talk).

1990- Israel Physical Society (contributed talk)

1991- International Workshop on High-Tc Superconducting Thin Films, Rome, Italy (contributed talk).


1992- European Material Research Society (EMRS) Fall Meeting, Strasbourg, France (poster presentation)

1992- International Conference on High-Temperature Superconductivity, Eilat, Israel (poster presentation).

1994- 8-th International Conference on Materials and mechanisms of Superconductivity in High-Temperature Superconductors, Grenoble, France (poster presentation)

1994- III symposium on high-Tc superconductors in high-frequency fields, Cologne, Germany (contributed talk)

1995- French-Israeli-Japanese workshop on high-Tc superconductivity, Herzliya, Israel

1995- Israel Physical Society (contributed talk)
1996- The 3rd International Workshop on Vortex Matter, Shoresh, Israel (poster presentation)
1996- Applied Superconductivity Conference, Pittsburgh, USA (contributed talk)
1996- Review of Progress in Quantitative Nondestructive Evaluation, Portland, USA (contributed talk)
1997- IEEE-MTT-S International Microwave Symposium, Denver, USA (contributed talk)
1997- 8th International Symposium on Nondestructive characterization of materials, Boulder, USA (contributed talk)
1997- ISF-MINERVA joint workshop on high-Tc superconductivity, Herzliya, Israel (invited talk)
1997- 27 European microwave conference-97, Jerusalem, Israel (contributed talk)
1997- The 8-th International Workshop on rf superconductivity, Abano-Terme, Italy (invited talk)
1997- 4-th International Conference on Near-Field Optics, Jerusalem, Israel (contributed talk)
1998- 11 International Conference on high-power electromagnetics, Tel-Aviv, Israel (contributed talk)
1998- Materials Research Society Meeting -MRS 1998 Fall meeting-, Boston, USA (poster presentation)
1999- Materials Research Society Meeting (MRS 1999 Fall meeting), Boston, USA (contributed talk)
1999- 4-th European conference on applied superconductivity (EUCAS’99), Sitges, Spain (poster presentation)
2000- 4-th International Topical Conference on Optical Probes of Conjugated Polymers and Photonic Crystals, Salt Lake City, USA (contributed talk)
2002- Israel Physical Society (contributed talk)
2003- 10th International Symposium on Continuum Models and Discrete Systems (CMDS10), Shoresh, Israel (contributed talk)
2004- Workshop on Photonic crystal fibers, Bath, UK (invited talk)
2004- 23rd IEEE Convention of Electrical and Electronics Engineers in Israel, Tel-Aviv 2004 (contributed talk)
2005- Subtle Thermal Effects of RF-fields in vitro and in vivo, FGF COST workshop, Stuttgart, Germany.
2007- ISF-MINERVA joint workshop, Ramat-Gan, Israel (invited talk)
2008- 5th European Conference on Complex Systems Jerusalem, Israel 2008 (contributed talk)
2009- Progress in Electromagnetics Research Symposium (PIERS 2009), Moscow (three contributed talks)
2011- 6th Congress of the Federation of the Israel Societies for Experimental Biology (FISEB-ILANIT), Eilat, Israel (poster and talk)
2013- COST Action "Physics of Competition and Conflicts", Knowescape, Analyzing the dynamics of information and knowledge landscapes, Aalto, Finland (invited talk).
2015- 7th International Conference on Surface Plasmon Photonics (SPP7) Jerusalem, Israel (poster)
2015- ETOPIM 10, Tenth International Symposium on Electrical, Transport, and Optical properties of Inhomogeneous Media, Neveh Ilan, Israel (contributed talk)
2018- 7-th International Conference on Complex Systems, ICCS 2018, Cambridge, MA, USA (contributed talk).