



**Dr. Olga Girshevitz** is Head of the Surface Analysis Facility & Ion Beam Analysis laboratory in the Scientific Equipment Center of Bar-Ilan Institute of Nanotechnology & Advanced Materials (BINA) since 2008. She is leading collaborations with the Israeli police, Israel Aerospace industries and scientists from the medical field.

Dr. Olga Girshevitz obtained her B.Sc. in Physics from Dnipro National University, Ukraine and her Physical Chemistry Degree from Bar-Ilan University, Israel. She received her Ph.D. under the supervision of Prof. Chaim. N. Sukenik at Bar-Ilan University as an Eshkol Scholar. Dr. Girshevitz has a broad scientific background in surface chemistry, semiconductors and electron transport through organic molecules. During her studies, Dr. Girshevitz accepted the Shvartz Excellent Scholarship of the Israel Chemical Society. After graduating, Dr. Girshevitz conducted her postdoctoral studies at the Department of Materials and Interfaces at the Weizmann Institute of Science in the lab of Prof. David Cahen. During this period, she focused on surface modification techniques for changing solid state electronics properties of semiconductors and design of the process for analysis of them. Dr. Girshevitz's work became an integral part of Intel's ""BioChip"" project. Later on, at Bar Ilan University, she developed a new method to prepare thin ceramic films with controllable physical properties which is used today in medical and space applications.

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