

Levi Schächter graduated from the Electrical Engineering [B.Sc. (1983), M.Sc.(1985) and D.Sc.(1988)] and Physics [B.A. (1985)] Departments of the Technion – Israel Institute of Technology. Currently, he is Professor and Gerard Swope Chair in Electrical Engineering at the Technion where he established theoretical and experimental activity on advanced acceleration concepts and radiation sources within the framework of the Electrodynamics Laboratory he is heading. Professor Schächter has made many fundamental contributions to the understanding of the interaction of waves and electrons in high-power traveling wave tubes, electron emission from ferro-electric materials, particle acceleration by stimulated emission of radiation (PASER), conceptual design of an optical linear collider relying on Bragg acceleration structure. Throughout the years, Levi Schächter was awarded a number of prizes and fellowships for his research, among them: Guttwirth Prize, Fellowship of Japan Society for the Promotion of Science (JSPS), and Rothschild Fellowship. He is a Fellow of the American Physical Society *“For his contributions to particle acceleration at optical wavelength and in particular for developing the concept of particle acceleration by stimulated emission of radiation (PASER).* Between 1999-2000 he was a Visiting Professor with the School of Electrical Engineering of Cornell University and between 2006-2007 he was a Visiting Professor with the Laboratory of Elementary Particles Physics of Cornell University. In 2014 he spent a summer Sabbatical at Stanford Linear Acceleration Center (SLAC). He has authored about 100 articles in refereed journals and a textbook *Beam wave interaction in periodic and quasi-periodic structures*. Both first and second edition were published by Springer-Verlag.

