Dr. Pinchas Doron (Ph.D. Eng.) –

Dr. Doron is an expert in concentrating solar power and high-temperature applications, and has over 35 years of experience leading R&D, construction and analysis of advanced systems, involving Fluid Mechanics, Energy systems, Solar energy, Heat transfer, Flow and transport simulations, High temperature processes, System design and analysis, Multiphase flow, Concentrating optics, Techno-economic analysis.
Dr. Doron received his PhD in 1994 from the Tel-Aviv University (Department of fluid mechanics and heat transfer) for research in two-phase solid-liquid flow. He then spent 3 years at the Weizmann Institute as member of the team led by Prof. J. Karni which developed a unique, ground-breaking high-temperature, high-pressure solar receiver. In 1997-1999 he conducted research in oceanographic flows (involving a submerged PIV system) during his fellowship at Johns Hopkins University. From 1999 to 2017 he led the development of the 100kW microturbine-based Tulip solar-thermal power plant, as Project Manager at EDIG, Ltd, and later as Chief Technology Officer at Aora-Solar, Ltd. This was the first-ever hybrid modular solar thermal plant, capable of operating using solar input, fuel or a combination of both, to provide per-demand electric power 24/7.
He has been guest lecturer for several thermodynamics, heat transfer and energy-related courses at higher education colleges in Israel. Currently Dr. Doron is Senior Lecturer at Azrieli College of Engineering, Jerusalem.