

DANUBIAN Delegation

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Dr. Piotr Dumania graduated from Warsaw University of Technology in 1974. He joined ITE, where he was working as a device engineer for semiconductor processing responsible for technology development of CMOS IC's and ASIC's up to implementing them into mass production. In 1994 Piotr Dumania received PhD degree in electronics. His PhD research topics was modelling of MOS transistors for diagnostics purposes. From 1990 his research interest includes silicon micromachining and process integration of micromechanical structures with CMOS circuitry, also supervising the development of silicon detectors and micro-electro-mechanical systems (MEMS). Results of his research were presented in more than 70 papers published in international journals and over 100 conference presentations. Among other international activities, he was a chairmen of the NAS-Europractice/Nexus Workshop, Feb 2001, Warsaw as well as chair of Europractice session at Prague workshop, Jan. 12, 2005. He organized and chaired an international seminars devoted Interdisciplinary Application of Microsystem Technology and international cooperation in the field of MNS Technologies. Piotr Dumania was a chairmen of an organizing committee of International conferences: "4th Forum on Innovative Technologies for Medicine – ITMED", Bialystok, in 2010 and „Micro- and nano- systems technology for modern industrial applications”, Warsaw, in 2014. He has supervised ITE contribution to MINAEAST-NET, MINOS and MNT-ERA.NET FP6 projects as well as SMART-FRAME Central Europe project also as workpackage leader within this projects. He has coordinated national-level initiatives: MANTARC Micro- and Nano Technology Applied Research Centre of Excellence and MINAS Micro- and Nano- Structures Scientific Network. He was also a leader of several research projects funded by Polish Ministry of Scientific Research. Piotr Dumania is currently supervising industrial research and business development activities of ITE research teams.