



Prof. Winfried Mayr received his Diploma in “Electronics and Control Engineering” from Vienna University of Technology in 1983, his work is focused on Functional Electrical Stimulation (FES) and rehabilitation engineering, mainly at Vienna Medical University, since. His Ph.D. in Biomedical Engineering was on “Reactivation of Paralyzed Muscles by FES via Implants” (1992) and included experimental and applied research on phrenic pacing, lower extremity, pelvic floor and denervated muscles. Work in the subsequent years was dedicated mainly on non-invasive FES of lower extremity in paraplegia, in microgravity and clinical bed-rest, and upper extremity. Outcome of the European Project RISE on FES of denervated muscles, an initiative with 20 partner groups under his coordination, was development of a novel clinical method and associated equipment for rehabilitation after flaccid paraplegia. His special current focus is spinal cord stimulation for modification of spasticity and restoration of movement after SCI. Between 2009 and 2017 he chaired the Austrian Society for Biomedical Engineering (OeGBMT), and is current vice-president and IFMBE delegate of OeGBMT, and councillor in EAMBES, the roof organisation of European Biomedical Engineering Societies. He is foundation member and board member of the International FES Society IFESS. He serves as reviewer in various journals and funding agencies and Co-Editor for FES in the Journal “Artificial Organs”.

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