

Jenny Dankelman



Curriculum Vitae

Jenny Dankelman obtained her degree in Mathematics, with specialisation in System and Control Engineering, in 1984 at the University of Groningen, The Netherlands. Her PhD degree was obtained in 1989 at the Man-Machine Systems Group, Mechanical Engineering Department, Delft University of Technology (DUT) on the dynamics of the coronary circulation. Since 1992 she is researcher at Man-Machine Systems group, and since 2001 as professor in Biomedical Engineering. In 2007 she became head of the Minimally Invasive Surgery and Interventional Techniques group (www.misit.nl) consisting of 10 PhD students, 2 Postdocs and 5 staff members. Her work focuses on different applications: minimally invasive surgery, flexible endoscopy, needle interventions and endovascular interventions. She is cooperating with surgeons of several (academic) hospitals. Her interests and research projects are in the fields of designing novel medical (steerable) instruments, medical haptics, training and simulation tools, and patient safety, with the focus on minimally-invasive techniques.