



Research activities at Tampere University of Technology

Prof. Leena Korpinen

Tampere University of Technology (TUT), Finland
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The research group has investigated PMs and ICDs:

The immunity of PMs and ICDs to disturbances caused by:



- Electric and magnetic fields of 400 kV power lines
- Magnetic fields of a shunt reactor at a 400 kV substation
- Spark discharges in a high voltage laboratory

References:

Korpinen L, Kuisti H, Elovaara J, Virtanen V, 2012. Cardiac Pacemakers in Electric and Magnetic Fields of 400-kV Power Lines. PACE vol. 35, 4, 422-430.

Korpinen L, Kuisti H, Elovaara J, Virtanen V, 2014. Implantable Cardioverter Defibrillators in Electric and Magnetic Fields of 400 kV Power Lines . Pace vol. 37, 3, 297–303.

Korpinen L, Kuisti H, Tarao H, Elovaara J, Virtanen V, "Cardiac pacemakers in magnetic fields of a shunt reactor at a 400 kV substation, (in press, JOSE)



*Thank you for your
attention*

leena.korpinen@tut.fi

