

The IT'IS Foundation at ETH Zurich is often cited as the world leader for experimental and numerical RF dosimetry. Its research focuses include the risk assessment of wireless communication technologies and the beneficial medical explorations of EMF. The IT'IS Foundation and its spin-off company SPEAG are pacemakers in the development of near field measurement technology and software for computational electrodynamics. IT'IS employs more than 20 electrical engineers, physicists and computer engineers and cooperates with all leading manufacturers & providers of mobile communication technology. It is represented in the most important committees and acts as a consulting partner of national bodies such as the FDA. The available position is that of

PostDoc (Eng./Phys.) in Electromagnetic Exposure Technology

Job Profile:

The main tasks associated with this position are:

- planning and execution of R&D projects in the field of bioelectromagnetics
- development of exposure technologies for biomedical laboratory studies
- focusing on the health risk assessment and therapeutic applications of EMF
- scientific support for our various research partners
- acquisition of new projects

Education:

We are looking for an experimentally talented individual with a PhD degree (or similar industrial experience) in electrical engineering or physics. The successful candidate should have a flair for scientific research and experience in some of the following areas:

- RF measurement techniques and dosimetry
- numerical field simulation
- antenna design
- bioelectromagnetics & biophysics

Are you interested? We look forward to receiving your application (complete resume materials including a cover letter, detailed CV, copies of degree certificates and / or diplomas, and two letters of recommendation). For further information or to discuss the scope of this position, please contact Dr. Myles Capstick (greatjobs@itis.ethz.ch or phone +41 44 245 9696).

Please send your application as a single pdf file to:

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