

## Brain Products Inside

### Job Opportunities at Brain Products

by Alexander Svojanovsky, Brain Products General Manager

#### Applicants with scientific orientation

Providing quality and innovation with outstanding service and support standards is a key element of Brain Products' business strategy. Direct user feedback also forms the basis for new developments.

Our focus is therefore directed towards a fast, reliable and comprehensive scientific and technical support which creates a satisfying and profitable relationship between our customers and us, allowing us to constantly stay up to date with the changing needs of our users.

Brain Products is now strengthening its multidisciplinary support and sales team and is looking for motivated applicants with a scientific orientation interested in the fascinating field of Neuroscience.

Applicant requirements:

- an academic degree (PhD) in a relevant field of neurosciences, psychology, physics, biophysics, biomedical technology or a related field
- experience in analyses of neurophysiological studies - ideally as a user of our hard- and software solutions

#### Research Assistant

Brain Products GmbH (Gilching) in conjunction with the University of Bremen have the following vacancy to start immediately:

Research Assistant

This is a full-time post for a period of 36 months in the field of electrical engineering. Salary will be paid according to the pay scale TV-L 13.

Brain Products and the University of Bremen are collaborating on a project sponsored by the German Federal Ministry of Education and Research (BMBF) in which an interdisciplinary group of electrical engineers, microsystems engineers, neurobiologists and neurophysicists are working together closely on new technologies, processes and methods for intracranial diagnosis and therapy.

The research project offers the opportunity to conduct research in the field of brain/machine interfaces (BMI), in other words in a field that is currently undergoing very rapid and successful growth internationally. The interdisciplinary approach brings together biological and technical systems and opens up completely new options for the prevention, diagnosis, treatment and rehabilitation of serious brain malfunctions.

One vacancy in the field of electrical engineering has arisen as a result of the project sponsorship. The successful candidate will be employed by Brain Products GmbH and seconded to the University of Bremen for the duration of the project. Depending on the precise



- a high level of analytical skills, quick comprehension and pleasure in finding solutions
- excellent communicational skills, enjoying contact with customers
- ability of communicating complex scientific topics to different target audiences
- quick learner who is taking initiative and can work independently
- eager to travel and work with people from different parts of the world
- programming skills or Matlab experience are preferable
- excellent written and spoken English

Please send your application documents by mail to: Brain Products GmbH, Mr. Alex Svojanovsky, Zeppelinstrasse 7, D-82205 Gilching, or by email to [as@brainproducts.com](mailto:as@brainproducts.com)

field of expertise of the successful candidate, he/she will be assigned to the Institute for Theoretical Electronic Engineering and Microelectronics or the Institute for High-Frequency Engineering. Candidates should hold a first degree in a relevant scientific subject and have a good knowledge of English. It is assumed that candidates will be interested in fundamental scientific research and circuit engineering and will be prepared to engage in interdisciplinary, creative and independent scientific work within the project. The posts are also intended to lead to the award of a doctorate degree.

The following topics are to form the subject of the research:

- Implementation of wireless power and signal transmission systems that are capable of being implanted
- Design of circuits and chips for miniaturized multichannel microelectrodes

The University is striving to increase the proportion of women in the sciences and therefore explicitly encourages women to apply. Academic and personal suitability being equal, candidates with severe disabilities will be preferred.

Please send applications with the usual documentation by email only and in PDF format to Professor Steffen Paul [steffen.paul@item.uni-bremen.de](mailto:steffen.paul@item.uni-bremen.de). The closing date for applications is 15 September 2009. ●