

Bayern funded PhD and MSc studies

UK-Erlangen (Spitalul Universitar din Erlangen, Bavaria, Germania) is inviting applications for a fellowship provided by the State of Bayern to perform Master or PhD studies in Bayern (Germany).

The Medical Physics department of UK-Erlangen is looking for students interested to work in the development of tools and methods to improve Radiation Therapy procedures (e.g. Cancer treatment using photons, electrons or even protons and heavy ions).

The department has a very young and multidisciplinary team of Physicists and Engineers working with the latest technologies of Radiation Therapy.

Research topics may include (but not limited to):

- Computational tools applied in image analysis (e.g. CT imaging)
- Development of new dosimetry procedures and associated computational tools for special cases of treatments (e.g. moving targets)
- Monte-Carlo simulations of physical processes

Candidates interested should fulfill the following criteria:

- Citizenship: RO, HU, BG, HR, PL, RU, SRB, SK, CZ, UA.
- Younger than 30 yrs. before the beginning of the fellowship
- Permanent residency in the home country before the beginning of the study in Germany.
- Above average results obtained in the previous studies (BSc and/or MSc).
- Fluent English (German is welcomed but not mandatory)
- Programming experience (e.g. C, C++, Java, Python, Matlab)

More details:

- www.uni-regensburg.de/bayhost/stipendien/incoming/index.html
- <https://www.study-in-bavaria.de/en/>
- http://www.strahlenklinik.uk-erlangen.de/e1585/e219/e266/index_ger.html
- <http://www.fau.de/>

DEADLINE: December 1st, 2014 (for the Academic Year 2015-2016) !!

Cei interesati sunt incurajati sa ceara CAT MAI REPEDE prin e-mail mai multe informatii in legatura cu acest program si teme de cercetare de la:

Interested candidates are encouraged to contact ASAP:

Dr. Stefan Vasiliniuc (Post-Doc in cadrul UK-Erlangen):

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