

PRECISION SCIENCE.

MEDICAL PHYSICS at DKFZ

INTERNATIONAL PHD PROGRAM



PHD POSITIONS IN MEDICAL PHYSICS AND RADIOPHARMACEUTICAL SCIENCES

Are you interested in applying physical and (radio)chemical methods in cancer research? The **German Cancer Research Center (DKFZ)** in Heidelberg, Germany's largest biomedical research institute, has its own multidisciplinary research program dedicated to "Imaging and Radiooncology". This research program is concerned with introducing new findings, methods and technologies into the diagnosis and treatment of cancer. Physicists, mathematicians, computer scientists, engineers, biologists, pharmacists and chemists strongly collaborate to tailor tumor treatment to the individual patient and to improve possibilities of local and systemic tumor control.

Main research activities are focused on:

- Development of novel approaches in diagnostics and therapy, based on physical methods
- Non-invasive imaging technologies such as CT, MRI, PET/CT, PET/MRI and radiation therapy technologies
- Radiotracer and radiopharmaceutical drug development including radiochemistry and nuclear chemistry to target cancer cells
- Transfer of novel systemic therapeutic and diagnostic methods into a clinical setting

More information about the groups and their research can be found [here](#).

To apply online to the International PhD Program visit
www.dkfz.de/phd

If you are interested in doing your PhD in the field of medical physics and/or radiopharmaceutical sciences, why not join the International PhD Program at the DKFZ?

Application deadlines
5th January and 31st May

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