



Application Form

Your Data

Surname

First Name

Country

Master degree in which subject?

Your Profile

Title of your master thesis

Short summary of your master thesis

Key publication (link, reference or title of publication or student project)

Proof of Language Skills

Score Language Test (if applicable)

Your Interests

Do you have a preferred research area?

- Imaging & Diagnostics
- Surgery & Intervention 4.0
- Models for Personalized Medicine
- No Preference

Do you have a preferred institution?

- Karlsruhe Institute of Technology
- German Cancer Research Center (Heidelberg)
- Heidelberg University
- No Preference

How likely do you consider a matching between you and the individual project proposals in this year's selection round? (see www.hidss4health.de/hidss4health/Proposals.pdf for further details, information only used for pre-screening)

	Unlikely	Neutral	Likely
1. Generating Medical Imaging Reports from 3D Radiological CT Scans using Image Captioning Techniques			
2. Visualization for Improved Configuration and Analysis in MRI			
3. Generative Probabilistic Models for Predicting Glioblastoma Growth Patterns			
4. Supporting Reuse of Machine Learning Approaches for Neural Network-based Labelling of Microscopy Images			
5. Scalable 3D+t Tracking by Graph-based and Deep Learning Methods			
6. Image-Guided Adaptive Radiation Therapy (IGART) based on Massive Parallelism and Real-Time Scheduling			
7. Exoskeletons for Optimal Flexible Patient (Re)Positioning in Radiation Therapy			
8. Uncertainty-Aware Functional Imaging in Surgery			
9. Uncertainty Quantification in Radiation Therapy			
10. Distributed Ledger Technology for Life Science			
11. Augmenting Physician Workflow to Personalize Care Decisions by Predicting Next Steps and Informational Needs in (Precision) Oncology			
12. Integrative Analysis of Patient Multi-Omics Data			

Your Documents

Please upload the following documents for a complete application:

- This **Application Form** (<Surname>-ApplicationForm.pdf)
 - **CV** (<Surname>-CV.pdf)
 - **Motivation letter** including your research interests (<Surname>-Motivation.pdf)
 - All **academic records** including Master certificate and transcript of records, Bachelor certificate and transcript of records and High School Certificate. Please also include official English translation of Master and Bachelor transcripts (<Surname>-Record01.pdf, ...)
 - Proof of **English language** (if applicable, see above, <Surname>-Language.pdf)
 - Optional: Short video (up to 3 min.) to present yourself/a current project (<Surname>-Video.mpg)
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Your Referees

We ask you for two independent reference letters that should be sent to us by the referee using this form: www.hidss4health.de/hidss4health/ReferenceLetter.pdf

Name Referee 1

Name Referee 2

Affiliation Referee 1

Affiliation Referee 2

Email Referee 1

Email Referee 2

Telephone Referee 1

Telephone Referee 2

Referees confirmed to send letters to office@hidss4health.de by Feb 17th, 2019