

Name, City, Country

Nicolai Spicher, Braunschweig, Germany

What is your position: Postdoc at the Peter L. Reichertz Institute for Medical Informatics of TU Braunschweig and Hannover Medical School, Germany

Specializations:

M.Sc. in Medical Informatics

PhD topic: Signal processing techniques for video and electrocardiography data

Focus Digitalization of the ED? :

- *Accident & Emergency Informatics*
- *Unobtrusive vital sign monitoring*
- *5G healthcare applications*
- *Biosignal processing in challenging settings*

**Projects/interests**

- Team lead „Mobile Health“ in [5G Lab](#) (2019-2022, funding by Federal Ministry of Transport and Digital Infrastructure)
- Staff of [International Standard Accident Number](#) project (2019-2022, funding by Volkswagen Stiftung)
- Recent paper: Spicher N, Kukuk M. Delineation of Electrocardiograms Using Multiscale Parameter Estimation. IEEE J Biomed Health Inform. 2020 Aug;24(8):2216-2229. doi: [10.1109/JBHI.2019.2963786](https://doi.org/10.1109/JBHI.2019.2963786)