Name: Prof. Dr. Stephan JOnas

Director, Institute for Digital Medicine
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Education/Degrees:

2010 - 2014	Dr. rer. Medic, RWTH Aachen University
2014	Doctoral thesis, Prof. Kabino, Dept. Medical Informatics, RWTH Aachen University, Summa cum laude

Academic Career:

2009 - 2012	Lecturer, Department of Diagnostic Radiology, Yale University School of Medicine
2012 - 2014	Researcer, Department of Medical Informatics, RWTH Aachen University
2014 - 2019	Head of research division "mHealth", interim head of research division "Image Processing and Data Handling", Department of Medical Informatics, RWTH Aachen University
2019 - 2021	Assistant Professor "Digital Health", Technical University of
Since 2021	Director, Institute of Digital Medicine

List of 5 most important publications

1. Jonas SM, Deserno TM, Buhimschi CS, Makin J, Choma MA, Buhimschi IA. Smartphone-based diagnostic for preeclampsia: an mHealth solution for administering the Congo Red Dot (CRD) test in settings with limited resources. Journal of the American Medical Informatics Association. 2016 Jan;ocv015.
2. Titgemeyer Y, Surges R, Altenmüller D-M, Fauser S, Kunze A, Lanz M, et al. Can commercially available wearable EEG devices be used for diagnostic purposes? An explorative pilot study. Epilepsy & Behavior. 2020;106507.
3. Ramos RM, Cheng PGF, Jonas SM. Validation of an mHealth App for Depression Screening and Monitoring (Psychologist in a Pocket): Correlational Study and Concurrence Analysis. JMIR mHealth and uHealth. 2019 Sep 16;e12051.
4. Jonas S, Siewert S, Spreckelsen C. Privacy-Preserving Record Grouping and Consent Management Based on a Public-Private Key Signature Scheme: Theoretical Analysis and Feasibility Study. Journal of Medical Internet Research. 2019;21(4):e12300.
5. Burgdorf A, Güthe I, Jovanovic M, Kutafina E, Kohlschein C, Bitsch JÁ, et al. The mobile sleep lab app: An open-source framework for mobile sleep assessment based on consumer-grade wearable devices. Computers in Biology and Medicine. 2018 Oct 6;103:8–16.