


CHANDRAKANTH JAYACHANDRAN PREETHA M.SC.

GENERAL INFORMATION

	Doctoral Researcher University Hospital Heidelberg, Department of Neuroradiology Im Neuenheimer Feld 400 69120 Heidelberg, Germany	02
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ACADEMIC EDUCATION & QUALIFICATION

Year(s)	Education
2017-2020	Master of Science, Medical Systems Engineering, Otto-von-Guericke-Universität Magdeburg
2011-2015	Bachelor of Technology, Electrical Engineering, Amrita Vishwa Vidyapeetham

SCIENTIFIC EDUCATION & QUALIFICATION

Year(s)	Education
Since 2020	Doctoral Research, Department of Neuroradiology, University Hospital Heidelberg (chair: Prof. Bendszus)

PROFESSIONAL EXPERIENCE

Year(s)	Experience
2019-2020	Graduate Research Intern at Imaging Innovations, medneo GmbH, Heidelberg
2018-2019	Research Assistant at Department of General, Visceral and Transplantation Surgery, University Hospital Heidelberg
2015	Assistant Systems Engineer at Tata Consultancy Services, Chennai, India

SELECTED PUBLICATIONS

1. [Preetha C.J.](#), Mattern H., Juneja M., Vogt J., Speck O., Hartkens T. (2020) Entropy-Based SVM Classifier for Automatic Detection of Motion Artifacts in Clinical MRI. In: Tolxdorff T., Deserno T., Handels H., Maier A., Maier-Hein K., Palm C. (eds) Bildverarbeitung für die Medizin 2020.
2. [Chandrakanth Jayachandran Preetha](#), Jonathan Kloss, Fabian Siegfried Wehrtmann, Lalith Sharan, Carolyn Fan, Beat Peter Müller-Stich, Felix Nickel, Sandy Engelhardt, "Towards augmented reality-based suturing in monocular laparoscopic training," Proc. SPIE 11315, Medical Imaging 2020: Image-Guided Procedures, Robotic Interventions, and Modeling, 113150X (16 March 2020)
3. [Jayachandran Preetha](#), [Chandrakanth](#) & Haridasan, Shyamalakshmi & Abdi, Vahid & Engelhardt, Sandy. (2019). Segmentation of the Left Atrium from 3D Gadolinium-Enhanced MR Images with Convolutional Neural Networks: 9th International Workshop, STACOM 2018, Held in Conjunction with MICCAI 2018, Granada, Spain, September 16, 2018, Revised Selected Papers. 10.1007/978-3-030-12029-0_29.