

SHORT CV Dr. Florian Niebling



Thematic Area: 2

Key areas of Expertise in Digital Heritage:

- developer of methods and technologies to transfer extensive repositories of historical media and their contextual information into a three-dimensional spatial model, with an additional temporal component

Florian studied computer science at University of Stuttgart. Working as deputy head of the visualization group at the High Performance Computing Center Stuttgart (HLRS) for several years, he received his doctorate on interactive parallel real-time graphics from University of Stuttgart in 2013. After heading the cyber-physical systems group at the chair for Software Engineering of Ubiquitous Systems (SEUS) at Technische Universität Dresden, he joined the HCI Group in 2015.

His research interests include software engineering of complex systems in parallel and distributed computing environments, scalable post-processing and visualization of large datasets, distributed computer graphics, as well as the interaction with data in virtual reality (VR), augmented reality (AR) and on the desktop. His interdisciplinary research involves diverse application domains from engineering to digital humanities. Florian has been a regular reviewer for e.g. ACM SUI, ACM VRST, IEEE VR, IEEE 3DUI, NordiCHI.

Teaching

Winter term 2017: Lecture '[Augmented Reality](#)' for MCS Bachelor, CS Bachelor, HCI Master, CS Master students.

Winter term 2015 - 2016: Seminar '[Mixed Reality](#)' for MCS Bachelor and HCI Master students.



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