

# Curriculum Vitae

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**Birth date/place:** 03. May 1983 / Jena  
**Family status:** Married, two children  
**Citizenship:** German



<b>Recent Positions:</b>	since 2020	Senior Scientist, Fraunhofer IDMT, Ilmenau, Germany
	since 2018	Principal Investigator (DFG-funded project “Informed Sound Activity Detection in Music Recordings (ISAD)”)
	2014 – 2018	Postdoctoral Researcher, Semantic Music Technologies, Fraunhofer IDMT, Ilmenau, Germany
	2012 – 2017	Wissenschaftlicher Mitarbeiter / Postdoctoral Researcher, Jazzomat Research Project, University of Music Franz Liszt, Weimar, Germany
	2008 – 2014	Wissenschaftlicher Mitarbeiter, Semantic Music Technologies, Fraunhofer Institute for Digital Media Technologies (IDMT), Ilmenau, Germany
<b>Education:</b>	2014	Ph.D., Media Technology, Technische Universität Ilmenau
	2008	Diplom, Computer Engineering (Ingenieurinformatik), Technische Universität Ilmenau
	2001	Abitur, Goetheschule Ilmenau, Besuch der mathematisch-naturwissenschaftlichen Spezialklasse
<b>Research Stays &amp; Study Programs:</b>	05/2010 - 08/2010	Doctoral research stay, Finnish Centre of Excellence in Interdisciplinary Music Research, University of Jyväskylä, Finland (DAAD scholarship “Kurzzeitstipendium für Doktoranden”)
	09/2005 – 02/2006	Computer science study at Université Paul Verlain, Metz, France (ERASMUS scholarship)
<b>Research Areas:</b>		Machine Listening, Music Information Retrieval, Audio Signal Processing, Machine Learning, Deep Learning

### **Scientific Activities & Projects (Selection):**

- Member of the International Society for Music Information Retrieval
- DFG-Project (2018-2021): Informed Sound Activity Detection in Music Recordings (ISAD) - Principal Investigator
- EU Project SPIRIT (2018-2021): Scalable privacy preserving intelligence analysis for resolving identities
- DFG-Project (2012-2017): Melodisch-rhythmische Gestaltung von Jazzimprovisationen. Rechnerbasierte Musikanalyse einstimmiger Jazzsoli
- BMBF-funded project: SyncGlobal (2012-2013): Globale Musiksuche zur cross-modalen Synchronisation mit Videoinhalten
- DFG-Project (2010-2013): Entwicklung und empirische Validierung eines Modells musikpraktischer Kompetenzen (Kopra-M)
- BMBF-funded project: GlobalMusic2one (2008-2011): Adaptive, hybride Suchtechnologien für Globale Musikbestände

### **Awards & Honors:**

- 2019: Best paper award (14th International Symposium on Computer Music Multidisciplinary Research) with Matthias Nowakowski and Christof Weiß
- 2010: DAAD scholarship “Kurzzeitstipendium für Doktoranden”
- 2005-2006: ERASMUS scholarship

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