



## Teaching: Stefan Edelkamp

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### Lecturing at University College London

Teaching lecture *Elementary Logics and Applications* (SS 2017).  
Teaching lecture *Software Engineering and Internet Applications* (SS 2018, 2019).  
Teaching lecture *Artificial Intelligence* (SS 2019).

### Lecturing at Hochschule Darmstadt

Teaching lecture *Maschinelles Lernen (Machine Learning)* (SS 2017).  
Teaching lecture *Komplexitätstheorie (Complexity Theory)* (WS 2015/16, SS 2016, SS 2017).  
Teaching lecture *IT-Sicherheit (IT-Security)* (SS 2016, WS 2016/17).  
Teaching seminar *Vorbereitung auf Praktikum und Bachelorarbeit (Preparation Intership and Bachelor Thesis)* (SS 2016, WS 2016/17).

### Lecturing at Universität Bremen

Teaching lecture *Maschinelles Lernen (Machine Learning)* (SS 2014, SS 2015, WS 2016/2017).  
Teaching lecture *IT-Logistik (IT-Logistics)* (SS 2014).  
Teaching lecture *Praktische Informatik I (Programming)* (WS 2013/14).  
Teaching lecture *Algorithmische Intelligenz (Algorithmic Intelligence)* (SS 2013).  
Teaching lecture *Praktische Informatik I (Programming)* (WS 2012/13).  
Supervising project group *GPP++* (WS 2011/12 – SS 2012).  
Teaching lecture *Algorithmentheorie (Algorithm Theory)* (SS 2011).  
Teaching lecture *Handlungsplanung und Allgemeines Spiel (Action Planning and General Game Playing)* (WS 2010/11).  
Teaching lecture *Algorithm Engineering* (SS 2010).  
Teaching seminar *Spieltheorie (Game Theory)* (SS 2010).  
Supervising project group *FIDIUS* (WS 2009/10 – SS 2011).  
Teaching lecture *Algorithm Engineering (Algorithm Engineering)* (SS 2009).  
Teaching seminar *Spieltheorie (Game Theory)* (SS 2009).

**Lecturing at  
Technische  
Universität  
Dortmund**

Teaching lecture *Algorithm Design auf Moderner Hardware (Algorithm Design on Modern Hardware)* (WS 2008/09).  
Teaching lecture *Spieltheorie (Game Theory)* (SS 2008).  
Teaching lecture *Handlungsplanung (Action Planning)* (WS 2007/2008).  
Teaching lecture *Gerichtete Modellprüfung (Directed Model Checking)* (SS 2007).  
Teaching lecture *Suchalgorithmen (Search Algorithms)* (WS 2006/07).  
Teaching seminar *Externe Exploration (External Exploration)* (SS 2006).  
Supervising project group *Bug-Finder* (WS 2005/06 – SS 2006).  
Teaching lecture *Künstliche Intelligenz (Artificial Intelligence)* (WS 2005/06).  
Teaching lecture *Gerichtete Modellprüfung (Directed Model Checking)* (SS 2005).  
Supervising project group *Mod-Plan* (WS 2004/05 – SS 2005).  
Teaching lecture *Künstliche Intelligenz (Artificial Intelligence)* (WS 2004/05).  
Supervising project group *GPS-Route* (SS 2004 – WS 2004/05).  
Teaching lecture *Handlungsplanung (Action Planning)* (SS 2004).  
Teaching lecture *Heuristische Suche (Heuristic Search)* (WS 2003/04).

**Lecturing at  
Universität  
Freiburg**

Teaching assistant lecture *Algorithmische Biologie (Computational Biology)* (SS 2002).  
Teaching assistant lecture *Parallel Algorithms and Applications (Parallel Algorithms and Applications)* (SS 2002).  
Teaching assistant lecture *Applied Computer Science* (WS 2001/02).  
Teaching assistant lecture *Theoretische Informatik (Theoretical Computer Science)* (WS 2000/01).  
Teaching assistant lecture *Programmierung (Programming)* (WS 2000/01).  
Teaching assistant lecture *Datenstrukturen und Algorithmen (Data Structures and Algorithms)* (SS 2000).  
Teaching assistant lecture *Algorithmentheorie (Algorithm Theory)* (WS 1999/00).  
Teaching assistant lecture *Geometrische Algorithmen (Computational Geometry)* (SS 1999).  
Teaching assistant lecture *Datenstrukturen und Algorithmen (Data Structures and Algorithms)* (SS 1999).  
Teaching assistant lecture *Programmierung (Programming)* (WS 1998/99).

**Lecturing at  
Berufsakademie  
Lörrach**

Teaching lecture *Automaten- and Komplexitätstheorie (Automata and Complexity Theory)* (WS 2001/02).  
Teaching lecture *Theoretische Informatik (Theoretical Computer Science)* (WS 1997/98).  
Teaching lecture *Theoretische Informatik (Theoretical Computer Science)* (WS 1996/97).

## PhDs

- Yassin Warsame. *Algorithmic Intelligence for AI Planning and Robotics.*, tbd.
- Ionut Moraru. *Pattern Databases in Large-Scale Planning.*, tbd.
- Christoph Greulich. *Multiagent System Simulation for Production Logistics*, 2018.
- Abdallah Saffadine (Reviewer). Dissertation: *Solving Games and All That*, University of Paris, 2013
- Daniel Michulke (Reviewer). Dissertation: *Evaluation Functions in General Game Playing*, University of Dresden, 2012.
- Carsten Elfers. Dissertation: *Event Correlation Using Conditional Exponential Models with Tolerant Pattern Matching Applied to Incident Detection*
- Peter Kissmann. Dissertation: *Symbolic Search in Planning and General Game Playing*, Universität Bremen, 2012 [Summa Cum Laude].
- Damian Sulewski. Dissertation: *Large-Scale Parallel State Space Search Utilizing Graphics Processing Units and Solid State Disks*, Universität Bremen, 2011.
- Pavel Simecek (Reviewer). Dissertation: *External Memory LTL Model Checking*, University of Brno, 2009.
- Shahid Jabbar. Dissertation: *External Memory Algorithms for State Space Exploration in Model Checking and Planning*. 2008, Technische Universität Dortmund [Summa Cum Laude, ICAPS-Dissertation Award].
- Anton Wijs (Reviewer). Dissertation: *What to Do Next? Analyzing and Optimizing System Behavior in Time*. 2007, Centrum voor Wiskunde en Informatica (CWI) Amsterdam, Netherlands.
- Kairong Qian (Reviewer). Dissertation: *Formal Verification using Heuristic Search and Abstraction Techniques*. 2006, University of Southern Wales, Australia.
- Tilman Mehler. Dissertation: *Challenges and Applications of Assembly-Level Software Model Checking* 2005, Technische Universität Dortmund.
- Alberto Lluch-Lafuente. Dissertation: *Directed Search for the Verification of Communication Protocols* 2003, University of Freiburg.