Assoc Professor. Guido Tack
Department of Data Science & AI
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Biography

Guido Tack is an Associate Professor in the Department of Data Science and Artificial Intelligence, at the Faculty of Information Technology, Monash University.
His research focuses on combinatorial optimisation, in particular architecture and implementation techniques for constraint solvers, translation of constraint modelling languages, and industrial applications. Guido leads the development of the MiniZinc constraint modelling language and toolchain. He is one of the main developers of Gecode, a state-of-the-art constraint programming library.
Guido's broader research interests include programming languages and computational logic.
Guido graduated and received his doctoral degree (Dr.-Ing.) from the Department of Computer Science, Saarland University, Germany. Before joining Monash University as a Lecturer and Monash Larkins Fellow in February 2012, he worked as a post-doctoral researcher at NICTA Victoria Laboratory, Saarland University (Germany), and K.U. Leuven (Belgium).
Related Links:

The constraint modelling language MiniZinc

The Gecode project website

Qualifications

Computer Science, Dr.-Ing., Universitat des Saarlandes (Saarland University)
Award Date: 29 Jan 2009

Computer Science, Diplom Informatiker, Universitat des Saarlandes (Saarland University)
Award Date: 30 Jun 2003

Activities

Workshop on Constraint Modelling and Reformulation 2022
Jip Dekker (Organiser) & Guido Tack (Organiser)
3 Nov 2021 → 1 Aug 2022

ACM - Association for Computing Machinery (External organisation)
Guido Tack (Member)
1 Jan 2016

Association for Constraint Programming (External organisation)
Guido Tack (Member)
1 Jan 2016

Constraints (Journal)
Guido Tack (Editor in chief) & Christopher David Mears (Editor in chief)
2015

Association for Constraint Programming (External organisation)
Guido Tack (Member)
1 Jan 2013 → 31 Dec 2016

Monash University (External organisation)
Guido Tack (Member)
1 Jan 1800