Aachener Informatik-Berichte

This list contains all technical reports published during the past three years. A complete list of (more than 580) reports dating back to 1987 is available from

http://aib.informatik.rwth-aachen.de/

or can be downloaded directly via

http://aib.informatik.rwth-aachen.de/tex-files/berichte.pdf

To obtain copies please consult the above URL or send your request to:

Informatik-Bibliothek, RWTH Aachen, Ahornstr. 55, 52056 Aachen,
Email: biblio@informatik.rwth-aachen.de

2019-02  Tim Felix Lange: IC3 Software Model Checking
2019-03  Sebastian Patrick Grobosch: Formale Methoden für die Entwicklung von eingebetteter Software in kleinen und mittleren Unternehmen
2019-05  Florian Göbe: Runtime Supervision of PLC Programs Using Discrete-Event Systems
2020-02  Jens Christoph Bürger, Hendrik Kausch, Deni Raco, Jan Oliver Ringert, Bernhard Rumpe, Sebastian Stüber, and Marc Wiartalla: Towards an Isabelle Theory for distributed, interactive systems - the untimed case
2020-03  John F. Schommer: Adaptierung des Zeitverhaltens nicht-echzeitfähig Software für den Einsatz in zeitheterogenen Netzwerken
2020-04  Gereon Kremer: Cylindrical Algebraic Decomposition for Nonlinear Arithmetic Problems
2020-05  Imke Drave, Oliver Kautz, Judith Michael, and Bernhard Rumpe: Pre-Study on the Usefulness of Difference Operators for Modeling Languages in Software Development
2021-01  Mathias Obster: Unterstützung der SPS-Programmierung durch Statische Analyse während der Programmeingabe
2021-02  Manfred Nagl: An Integrative Approach for Software Architectures
2021-03  Manfred Nagl: Sequences of Software Architectures
2021-04  Manfred Nagl: Embedded Systems: Simple Rules to Improve Adaptability
2021-05  Manfred Nagl: Process Interaction Diagrams are more than Process Chains or Transport Networks
2021-06  Manfred Nagl: Characterization of Shallow and Deep Reuse
2021-07  Martin Schweigler: Ground Surface Pattern Recognition for Enhanced Navigation
2021-08  Manfred Nagl: The Architecture is the Center of the Software Development Process
2021-09  Manfred Nagl: Architectural Styles: Do they Need Different Notations?
2021-10  David Thönnessen: Hardware-in-the-Loop testing of industrial automation systems using PLC languages