

Automated identification of application-dependent safe faults in automotive systems-on-a-chips

Bagbaba, Ahmet Cagri; Augusto da Silva, Felipe; Sonza Reorda, Matteo; Hamdioui, Said; **Jenihhin, Maksim**; Sauer, Christian
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Combining conceptual modelling and formal methods to design control systems

Vain, Jüri; Hooman, J. Selected papers from the 8th Nordic Workshop on Programming Theory, University of Oslo, May, 1997 1997 / p. 109-118

Combining fault analysis technologies for ISO26262 functional safety verification

Augusto da Silva, Felipe; **Bagbaba, Ahmet Cagri**; Hamdioui, Said; Sauer, Christian 2019 IEEE 28th Asian Test Symposium (ATS) : 10–13 December 2019, Kolkata, India : proceedings 2019 / p. 129–134 : ill <https://doi.org/10.1109/ATS47505.2019.00024>

Comparing the modelling power of Petri nets and Q-models

Tekko, Jaanus Artificial Intelligence in Real-Time Control 1995 : [proceedings] 1996 / 5 p
<https://www.sciencedirect.com/science/article/pii/S1474667017436937>

Design of Cyber Bio-analytical Physical Systems : formal methods, architectures, and multi-system interaction strategies

Ashraf, Kanwal; **Le Moullec, Yannick**; **Pardy, Tamas**; **Rang, Toomas** Microprocessors and microsystems 2023 / art. 104780, 14 p. : ill <https://doi.org/10.1016/j.micpro.2023.104780> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determined-safe faults identification : a step towards ISO26262 hardware compliant designs

Augusto da Silva, Felipe; **Bagbaba, Ahmet Cagri**; Sartoni, Sandro; Cantoro, Riccardo; Sonza Reorda, Matteo; Hamdioui, Said; Sauer, Christian 2020 25th IEEE European Test Symposium (ETS) 2020 / 6 p. : ill <https://doi.org/10.1109/ETS48528.2020.9131568>

Efficient methodology for ISO26262 functional safety verification

Augusto da Silva, Felipe; **Bagbaba, Ahmet Cagri**; Hamdioui, Said; Sauer, Christian 2019 IEEE 25th International Symposium on On-Line Testing and Robust System Design (IOLTS), 1-3 July 2019, Rhodes, Greece 2019 / p. 255-256
<https://doi.org/10.1109/IOLTS.2019.8854449>

Model checking in planning resource-sharing based manufacturing

Otto, Tauno; **Vain, Jüri** Information Control Problems in Manufacturing 2006 : a proceedings volume from the 12th IFAC International Symposium : St.Etienne, France. 2 2006 / p. 523-528 <https://www.sciencedirect.com/science/article/pii/S1474667015359991>

Model checking in planning resource-sharing based manufacturing

Otto, Tauno; **Vain, Jüri** 12th IFAC Symposium on Information Control Problems in Manufacturing : preprints. Vol. II, Industrial Engineering 2006 / p. 535-540 <https://www.sciencedirect.com/science/article/pii/S1474667015359991>

Reflection, rewinding, and coin-toss in EasyCrypt

Firsov, Denis; Unruh, Dominique CPP 2022 - Proceedings of the 11th ACM SIGPLAN International Conference on Certified Programs and Proofs, co-located with POPL 2022 2022 / p. 166-179 <https://doi.org/10.1145/3497775.3503693>

Specification and formal analysis of real-time software in Conrad

Kaldma, Tarmo; **Mõtus, Leo**; **Paluoja, Rein**; **Tekko, Jaanus**; **Tommingas, Toomas** Postprints of 19th IFAC/IFIP Workshop on Real-time Programming, 22-24 June, Isle of Reichenau, Lake Constance, Germany, 1994 1994 / p. 67-72

Zero-knowledge in EasyCrypt

Firsov, Denis; Unruh, Dominique 2023 IEEE 36th Computer Security Foundations Symposium : CSF 2023 : proceedings 2023 / 16 p. <https://doi.org/10.1109/CSF57540.2023.00015>