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Vater von Linus und Maya



Veröffentlichungen

[Sch19]

[PDFBIB](#)

Schommer, J., "Adaptierung des Zeitverhaltens nicht-echtzeitfähiger Software für den Einsatz in zeitheterogenen Netzwerken", PhD Thesis, Aachen, 2019.

Adaptierung des Zeitverhaltens nicht-echtzeitfähiger Software für den Einsatz in zeitheterogenen Netzwerken

Bibtex entry :

```
@phdthesis { Sch19,  
  author = { Schommer, John },  
  othercontributors = { Kowalewski, Stefan and Rumpe, Bernhard },  
  title = { Adaptierung des Zeitverhaltens nicht-echtzeitf{"a}higer  
    Software f{"u}r den Einsatz in zeitheterogenen Netzwerken },  
  school = { RWTH Aachen University },  
  pages = { 1 Online-Ressource (xv, 177 Seiten) : Illustrationen,
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Diagramme },
series = { Aachener Informatik-Berichte },
year = { 2019 },
address = { Aachen },
doi = { 10.18154/RWTH-2020-05324 },
typ = { PUB:(DE-HGF)11 },
reportid = { RWTH-2020-05324 },
cin = { 122810 / 120000 },
url = {
http://publications.rwth-aachen.de/record/789625/files/789625.pdf },
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[GKS+13]

[PDFBIB](#)

Gerlitz, T., Kalkov, I., Schommer, J. F., Franke, D., and Kowalewski, S., "Non-Blocking Garbage Collection for Real-Time Android", in *Proc. 11th International Workshop on Java Technologies for Real-time and Embedded Systems : JTRES 2013 ; 9-10 October 2013, Karlsruhe, Germany*, New York, NY, 2013 in ACM Digital Library, ACM, pp. 108-117.

Non-Blocking Garbage Collection for Real-Time Android

Bibtex entry :

```
@inproceedings { GKS+13,
  author = { Gerlitz, Thomas and Kalkov, Igor and Schommer, John F.
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  Franke, Dominik and Kowalewski, Stefan },
  title = { Non-Blocking Garbage Collection for Real-Time Android },
  booktitle = { 11th International Workshop on Java Technologies for
Real-time and Embedded Systems : JTRES 2013 ; 9-10 October
2013, Karlsruhe, Germany },
  publisher = { ACM },
  pages = { 108-117 },
  series = { ACM Digital Library },
  year = { 2013 },
  address = { New York, NY },
  organization = { Java-Technologien f{"u"}r Echtzeit- und
eingebettete
  Systeme, Karlsruhe (Germany), 2013-10-09 - 2013-10-10 },
  doi = { 10.1145/2512989.2512999 },
  typ = { PUB:(DE-HGF)8 },
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  cin = { 120000 / 122810 },
  url = { http://publications.rwth-aachen.de/record/224782 },
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[SGK13]

[PDFBIB](#)

Schommer, J. F., Gerlitz, T., and Kowalewski, S., "Load and Quality Cooperation for Distributed Embedded Systems Using Different Modes of Operation", in *Proc. Proceedings of the 7th Junior*

Researcher Workshop on Real-Time Computing : JRWRTC 2013 ; Sophia Antipolis, France, October 16-18, 2013, Sophia Antipolis, France, 2013, pp. 45-48.

Load and Quality Cooperation for Distributed Embedded Systems Using Different Modes of Operation

Bibtex entry :

```
@inproceedings { SGK13,
  author = { Schommer, John F. and Gerlitz, Thomas and Kowalewski,
Stefan },
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Systems Using Different Modes of Operation },
  booktitle = { Proceedings of the 7th Junior Researcher Workshop on
Real-Time Computing : JRWRTC 2013 ; Sophia Antipolis,
France, October 16-18, 2013 },
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  year = { 2013 },
  address = { Sophia Antipolis, France },
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Computing, Sophia
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  reportid = { RWTH-CONV-204855 },
  cin = { 120000 / 122810 },
  url = { http://jrwrtc.science.uva.nl/JRWRTC13_proceedings.pdf },
}
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[FSK12]

PDFBIB

Franke, D., Schommer, J., and Kowalewski, S., "Softwarequalität in der Mobilen Welt: Testen von Lebenszyklen Mobiler Applikationen", in *Proc. Tagungsband - Embedded Software Engineering Kongress 2012 : 3. bis 7. Dezember 2012, Sindelfingen*, Würzburg, 2012, Elektronikpraxis, Vogel Business Media GmbH & Co. KG - München \: MicroConsult Microelectronics Consulting & Training GmbH, pp. 478-482.

Softwarequalität in der Mobilen Welt: Testen von Lebenszyklen Mobiler Applikationen

Bibtex entry :

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@inproceedings { FSK12,
  author = { Franke, Dominik and Schommer, John and Kowalewski,
Stefan },
  title = { Softwarequalit{"a}t in der Mobilen Welt: Testen von
Lebenszyklen Mobiler Applikationen },
  booktitle = { Tagungsband - Embedded Software Engineering Kongress
2012 :
3. bis 7. Dezember 2012, Sindelfingen },
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publisher = { Elektronikpraxis, Vogel Business Media GmbH & Co. KG
-
    M{"u"}nchen \: MicroConsult Microelectronics Consulting &
    Training GmbH },
pages = { 478-482 },
year = { 2012 },
address = { W{"u"}rzburg },
typ = { PUB:(DE-HGF)7 },
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cin = { 122810 / 120000 },
url = { http://publications.rwth-aachen.de/record/752301 },
}
```

[KFS+12]

[PDFBIB](#)

Kalkov, I., Franke, D., Schommer, J. F., and Kowalewski, S., "A Real-time Extension to the Android Platform", in *Proc. JTRES 2012 : proceedings of the 10th International Workshop on Java Technologies for Real-time and Embedded Systems, October 24-26, 2012, Copenhagen, Denmark / Andy Wellings ...*, New York, N.Y., 2012 in ACM conference proceedings series, ACM Press, pp. 105-114.

A Real-time Extension to the Android Platform

Bibtex entry :

```
@inproceedings { KFS+12,
    author = { Kalkov, Igor and Franke, Dominik and Schommer, John F.
and
    Kowalewski, Stefan },
    title = { A Real-time Extension to the Android Platform },
    booktitle = { JTRES 2012 : proceedings of the 10th International
Workshop
    on Java Technologies for Real-time and Embedded Systems,
    October 24-26, 2012, Copenhagen, Denmark / Andy Wellings ... },
    publisher = { ACM Press },
    pages = { 105-114 },
    series = { ACM conference proceedings series },
    year = { 2012 },
    address = { New York, N.Y. },
    organization = { 10. International Workshop on Java Technologies
for
    Real-time and Embedded Systems, Copenhagen (Denmark),
    2012-10-24 - 2012-10-26 },
    doi = { 10.1145/2388936.2388955 },
    typ = { PUB:(DE-HGF)8 },
    reportid = { RWTH-CONV-199219 },
    cin = { 120000 / 122810 },
    url = { http://publications.rwth-aachen.de/record/129215 },
}
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[SFL+12]

[PDFBIB](#)

Schommer, J. F., Franke, D., Lange, T., and Kowalewski, S., "Load Balancing for Cross Layer Communication", in *Proc. 2012 IEEE 36th Annual Computer Software and Applications Conference workshops (COMPSACW 2012) : Izmir, Turkey, 16 - 20 July 2012 / [sponsored by IEEE; IEEE Computer Society. Ed.: Xiaoying Bai ...]*, Piscataway, NJ, 2012, IEEE, pp. 476-481.

Load Balancing for Cross Layer Communication

Bibtex entry :

```
@inproceedings { SFL+12,
  author = { Schommer, John F. and Franke, Dominik and Lange, Tim and
    Kowalewski, Stefan },
  title = { Load Balancing for Cross Layer Communication },
  booktitle = { 2012 IEEE 36th Annual Computer Software and
Applications
    Conference workshops (COMPSACW 2012) : Izmir, Turkey, 16 -
    20 July 2012 / [sponsored by IEEE; IEEE Computer Society.
    Ed.: Xiaoying Bai ...] },
  publisher = { IEEE },
  pages = { 476-481 },
  year = { 2012 },
  address = { Piscataway, NJ },
  organization = { 2012 IEEE 36th Annual Computer Software and
Applications
    Conference workshops, Izmir (Turkey), 2012-07-16 -
    2012-07-20 },
  doi = { 10.1109/COMPSACW.2012.90 },
  typ = { PUB:(DE-HGF)8 },
  reportid = { RWTH-CONV-204446 },
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  url = { http://publications.rwth-aachen.de/record/227070 },
}
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[HSK11]

[PDFBIB](#)

Hänsch, P., Schommer, J. F., and Kowalewski, S., "Self-balancing Controllable Robots in Education: A Practical Course for Bachelor Students", in *Proc. Intelligent robotics and applications : 4th international conference, ICIRA 2011, Aachen, Germany, December 6 - 8, 2011 ; proceedings / Sabina Jeschke; Honghai Liu; Daniel Schilberg (eds.)*, Berlin, Heidelberg, 2011 in *Lecture notes in computer science : Lecture notes in artificial intelligence*, Springer Verlag, pp. 297-306.

Self-balancing Controllable Robots in Education: A Practical Course for Bachelor Students

Bibtex entry :

```
@inproceedings { HSK11,
```

```
author = { H{"a}nsch, Paul and Schommer, John F. and Kowalewski,
          Stefan },
title = { Self-balancing Controllable Robots in Education: A
Practical
          Course for Bachelor Students },
booktitle = { Intelligent robotics and applications : 4th
international
              conference, ICIRA 2011, Aachen, Germany, December 6 - 8,
              2011 ; proceedings / Sabina Jeschke; Honghai Liu; Daniel
              Schilberg (eds.) },
publisher = { Springer Verlag },
pages = { 297-306 },
series = { Lecture notes in computer science : Lecture notes in
          artificial intelligence },
year = { 2011 },
address = { Berlin, Heidelberg },
organization = { Intelligent robotics and applications : 4.
international
                conference, ICIRA 2011, Aachen (Germany), 2011-12-06 -
                2011-12-08 },
doi = { 10.1007/978-3-642-25489-5_29 },
typ = { PUB:(DE-HGF)8 },
reportid = { RWTH-CONV-188864 },
cin = { 122810 / 120000 },
url = { http://publications.rwth-aachen.de/record/117482 },
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```

[SFK+09]

[PDFBIB](#)

Schommer, J. F., Franke, D., Kowalewski, S., and Weise, C., "Evaluation of the real-time Java runtime environment for deployment in time-critical systems", in *Proc. 7th International Workshop on Java Technologies for Real-Time and Embedded Systems : JTRES 09 ; Universidad Complutense de Madrid, Facultad de Informatica, 23-25 September 2009, Madrid, Spain / Workshop Chair: M. Teresa Higuera-Toledano ...*, Red Hook, NY, 2009 in ACM international conference proceedings series, Curran, pp. 51-60.

Evaluation of the real-time Java runtime environment for deployment in time-critical systems

Bibtex entry :

```
@inproceedings { SFK+09,
  author = { Schommer, John F. and Franke, Dominik and Kowalewski,
            Stefan
            and Weise, Carsten },
  title = { Evaluation of the real-time Java runtime environment for
            deployment in time-critical systems },
  booktitle = { 7th International Workshop on Java Technologies for
                Real-Time and Embedded Systems : JTRES 09 ; Universidad
                Complutense de Madrid, Facultad de Informatica, 23-25
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September 2009, Madrid, Spain / Workshop Chair: M. Teresa
Higuera-Toledano ... },
publisher = { Curran },
pages = { 51-60 },
series = { ACM international conference proceedings series },
year = { 2009 },
address = { Red Hook, NY },
organization = { 7. International Workshop on Java Technologies for
Real-Time
and Embedded Systems, Madrid (Spain), 2009-09-23 -
2009-09-25 },
doi = { 10.1145/1620405.1620413 },
typ = { PUB:(DE-HGF)8 },
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cin = { 122810 / 120000 },
url = { http://publications.rwth-aachen.de/record/99404 },
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