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### SCI/SCIE Journal

- **BKKH14**

- **HaJu15**

- **KISJ13**

- **KTJL12**

- **PHHJ14**
  * M.-C. Park, O.-K. Ha, S.-W. Ha, and Y.-K. Jun, “Real-Time 3D Simulation for the Trawl Fishing Gear Based on Parallel Processing of Sonar Sensor Data,” Intern…

- **TcKJ12e**
  * Guy Martin Tchamgoue, K.H. Kim, and Yong-Kee Jun, "Efficient Detection of Data Races in Concurrent Signal Handlers", Information - An International Interdisc…
• **TcKJ13**  *G. M. Tchamgoue, K. H. Kim, and Y.-K. Jun, "Verification of Data Races in Concurrent Interrupt Handlers", International Journal of Distributed Sensor Network…*


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• **CPHJ15**  *Choi, Eu-Teum, Se-Won Park, Ok-Kyoon Ha and Yong-Kee Jun, "Detecting Atomicity Races in ARINC 653 Applications," In Proceedings of International Conference …*

• **HKTJ12**  *Ha, O.-K., I.-B. Kuh, G. M. Tchamgoue, Y.-K. Jun, "On-the-fly Detection of Data Races in OpenMP Programs," In Proceedings of the 10th Workshop on Paralle…*

• **JuHa15**  *Sang-Soo Jun and Ok-Kyoon Ha, "Increasing GPU-Speedup of Volume Rendering for Image with High Complexity," In Proceedings of International Conference on u- …*

• **JuHa15a**  *Sang-Soo Jun and Ok-Kyoon Ha, "Increasing GPU-Speedup of Volume Rendering for Image with High Complexity," In Proceedings of International Conference on u- …*

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• **KHJP15**  *Hyun-Ji Kim, Ok-Kyoon Ha, Yong-Kee Jun and H.-D. Park, "Message Races in Data Distribution Service Programs," In Proceedings of International Conference on …*

• **KiHH15**  *Young-Joo Kim, Sung-Min Hong and Ok-Kyoon Ha, "Design of Conformance Testing Framework for IP-Based Wireless Sensor Networks," In Proceedings of Internation…*

• **KiKJ08**  *Kim, Y., D. Kim, and Y. Jun, “An Empirical Analysis of Intel Thread Checker for Detecting Races in OpenMP Programs,” Proc. of IEEE Int’l Conf. on Computer an…*

• **KiSJ11**  *Kim, Y., S. Song, and Y. Jun, "ADAT: An Adaptable Dynamic Analysis Tool for Race Detection in OpenMP Programs," 9th International Symposium on Parallel and…*

• **PaHJ15a**  *Se-Won Park, Ok-Kyoon Ha and Yong-Kee Jun, "A Loop Filtering Technique for Reducing Time Overhead of Dynamic Data Race Detection," In Proceedings of Interna…*

• **PaHJ15s**  *Bong-Jun Paeng, Ok-Kyoon Ha and Yong-Kee Jun, "Software Tool for Integrating Configuration Data of ARINC 653 Operating Systems," In Proceedings of Internati…*

• **PaJu98t**  *Park, H., and Y. Jun, "Two-Pass On-the-fly Detection of the First Races in Shared-Memory Parallel Programs," Proc. of the 2nd Symp. on Parallel and Distrib…*

• **PHJP07**  *Park, M., N. C. T. Hai, Y. Jun, and H. Park, , "Visualization of Message Races in MPI Parallel Programs," IEEE 7th International Conference on Computer and I…*

• **TcKJ12a**  *Guy Martin Tchamgoue, K.-H. Kim, and Yong-Kee Jun, "A New Compositional Scheduling Framework for Power-Aware Real-Time Systems", In Proceedings of the 18th I…*

• **TcKJ12dv**  *Guy Martin Tchamgoue, K. H. Kim, and Yong-Kee Jun, "Dynamic Voltage Scaling for Power-Aware Hierarchical Real-Time Scheduling Framework", In Proceedings of t…*

• **TGHY12**  *Guy Martin Tchamgoue, Lin Gan, Ok-Kyoon Ha, S.-W. Yang, and Yong-Kee Jun, "Visualizing Concurrency Faults in ARINC-653 Real-Time Applications", In Proceeding…*


• **TSHK14**  *Guy Martin Tchamgoue, Jun-Ho Seo, Jongsoo Hyun, Kyong Hoon Kim, Yong-Kee Jun, "Supporting Fault-Tolerance in a Compositional Real-Time Scheduling Framework",…*
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• DoTJ12  * S. Dorankula, G. M. Tchamgoue, Y.-K. Jun, "Efficient Detection of First Races in Concurrent Signal Handlers", In proceedings of the International Conference …


• HaJu13  * Ok-Kyoon Ha, and Yong-Kee Jun, “Efficient Thread Labeling for On-the-fly Detection of Races in OpenMP programs”, Information, International Information Insti…


• HKKJ09  * Ha O., Y. Kim, M. Kang and Y. Jun, "Empirical Comparison of Data Race Detection Tools for OpenMP Programs.", Proceedings of International Conference on Grid …


• JuMc00  * Jun, Y., and C. E. McDowell, "Scalable Monitoring Technique for Detecting Races in Parallel Programs," Proc. of the 5th IEEE Int’l Workshop on High-Level Par…

• KaHJ13  * Myeong-Sin Kang , Ok-Kyoon Ha, and Yong-Kee Jun, "Visualization Tool for Debugging Data Races in Structured Fork-join Parallel Programs", ICCA 2013, Jeju, Ko…


• KaJu11  * Kang, M., O. Ha, S. Jun, and Y. Jun, "A Tool for Detecting First Races in OpenMP Programs," Proceedings of 10th International Conference on Parallel Computin…

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• KHZJ13  * Kim, S.-S., O.-K, Ha, and Y.-K. Jun, "Verification Environment of Race Conditions for Multi-core Architectures in Avionics", The 1st International Conference…


• KiJu99  * Kim, J., and Y. Jun, "Scalable On-the-fly Detection of the First Races in Parallel Programs," Proc. of the 12nd Int'l Conf. on Supercomputing (ICS), pp. 345-…

• KiJu98  * Kim, Y., and Y. Jun, "Restructuring Parallel Programs for On-the-fly Race Detection," Proc. of the 5th Int'l Conf. on Parallel Computing Technologies (PaCT),…
• KiLJ07  Kim, Y., J. Lim, and Y. Jun, "Scalable Thread Visualization for Debugging Data Races in OpenMP Programs," Proc. of the 2nd Int'l Conf. on Grid and Pervasive …

• KJHJ09  Kim, B., S. Jun, D. Hwang, and Y. Jun, "Visualizing Potential Deadlocks in Multithreaded Programs," Proceedings of 10th International Conference on Parallel …

• KKHJ07  Kim, Y., M. Kang, O. Ha, and Y. Jun, "Efficient Race Verification for Debugging Programs with OpenMP Directives," Proc. of 10th Int'l Conf. on Parallel Compu…

• KKHJ16  Kang, Myeong-Sin, M. Kang, Ok-Kyoon Ha, and Yong-Kee Jun, "ConpathView: A Visualization Tool for Debugging Race Conditions in Event Synchronization of ARINC …

• KPPJ05  Kim, Y., M. Park, S. Park, and Y. Jun, "A Practical Tool for Detecting Races in OpenMP Programs," Proc. of 8th Int'l Conf. on Parallel Computing Technologies…


• LiJu07  Li, K., and Y. Jun, "Foreword from Guest Editors," The Journal of Supercomputing, Special Issue on Technology Deployments in Grid Computing, 42(3): 251-252, …


• MeHJ12  Y. Meng, O.-K. Ha, Y.-K. Jun, "Dynamic Instrumentation for Nested Fork-join Parallelism in OpenMP Programs", In proceedings of the International Conference o…


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• PaJu12  H.-D. Park and Y.-K. Jun, "Detecting First Races in Shared-Memory Parallel Programs with Random Synchronization", In proceedings of the International Confer…

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• PaPJ01  Park, S., M. Park, and Y. Jun, "A Comparison of Scalable Labeling Schemes for Detecting Races in OpenMP Programs," Proc. of the Int'l Workshop on OpenMP Appl…


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• TcKJ12d  G. M. Tchamgoue, K. H. Kim, Y.-K. Jun, "Dynamic Race Detection Techniques for Interrupt-Driven Programs", In proceedings of the International Conference on G…


Others Publication

• CKHJ16  * Eu-Teum Choi, Kun-Su Yoon, Ok-Kyoon Ha and Yong-Kee Jun, "Development of Technique for Healing Data Races based on Software Transactional Memory," Advanced …


• GaTJ12  * Gan, Lin, Guy Martin Tchamgoue, and Yong-Kee Jun, "Visualizing Data Races in Concurrent Signal Handlers," In Proceedings of the 1st International Conference …

• HaJu11m  * Ha, O., Y. Jun, "Monitoring of Programs with Nested Parallelism using Efficient Thread Labeling," International Journal fo u- and e- Service, Science and Tec…

• HaJu12  * Ha, Ok-Kyoon, and Yong-Kee Jun, "Efficient Data Race Detection for Structured Fork-join Parallelism," In Proceedings of the 1st International Conference on …

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• HyHJ15  * Hyang-Yeon Bae, Ok-Kyoon Ha and Yong-Kee Jun, "Development of Dynamic Profiler for Monitoring Functions in Embedded Applications," Advanced Science and Tech…

• JuKo94  * Jun, Y., and K. Koh, "Monitoring Parallel Programs for Detecting Access Anomalies Occurred First," Proc. of the 2nd Int'l Conf. on Software for Multiprocesso…

• JuMc96  * Jun, Y., and C. E. McDowell, "On-the-fly Detection of the First Races in Programs with Nested Parallelism," Proc. of the 2nd Int'l Conf. on Parallel and Dist…

• KiHJ10  * Kim, S., O. Ha, and Y. Jun, "Parallel Programming for Multi-core Avionics" In Proceedings of the 2010 International Conference on Advanced Aircraft Techno…

• KiJu06  * Kim, Y., and Y. Jun, "An Optimal Tool for Verifying Races in OpenMP Programs," 06 Int'l Conference on Hybrid Information Technology, SERC, Cheju Island, Kore…

• KiJu97a  * Kim, D., and Y. Jun, "An Effective Tool for Debugging Races in Parallel Programs," Proc. of the 3rd Int'l Conf. on Parallel and Distributed Processing Techn…

• KiJu97s  * Kim, D., and Y. Jun, "Space-efficient On-the-fly Race Detection for Programs with Nested Parallelism," Proc. of the 1st Int'l Conf. on Parallel and Distribut…

• KiKJ02  * Kim, J., D. Kim, and Y. Jun, "Scalable Visualization for Debugging Races in OpenMP Programs," Proc. of the 3rd Int'l Conf. on Communications in Computing (Cl…

• KKPJ00  * Kim, S., Y. Kim, S. Park, and Y. Jun "A Virtual Laboratory for Parallel Programming," Proc. of the 1-st Int'l Conf. on East-Asian Language Processing and Int…

• KLLHJ14  * Kim, Hyun-Ji, Byoung-Kwi Lee, Ok-Kyoon Ha, and Yong-Kee Jun, “Dynamic Monitoring Tool based on Vector Clocks for Multithreaded Programs,” In Proceedings of Int…

• KPHJ14  * Kang, Myeong-Sin, Bong-Jun Paeng, Ok-Kyoon Ha, and Yong-Kee Jun, “Design of Visualizing Event Synchronization for Race Conditions in ARINC-653 Applications,”…

• KPLJ05  * Kim, Y., M. Park, S. Lee, and Y. Jun, "Visual Race Detection for OpenMP Programs," Proc. of Int’l Conf. on Asian Language Processing and Information Technolo…

• KSJH16  * Young-Joo Kim, Jong-Soo Seok, YungJoon Jung, and Ok-Kyoon Ha, “Light-Weight and Versatile Monitor for a Self-Adaptive Software Framework for IoT Systems,” Jo…

• KuHJ12  * Kuh, In-Bon, Ok-Kyoon Ha, and Yong-Kee Jun, "Tracing Logical Concurrency for Dynamic Race Detection in OpenMP Programs," In Proceedings of the 1st Interna…

• LeJu02  * Lee, S., and Y. Jun, "A Virtual Tool for Debugging OpenMP Programs," Proc. of the 2nd Int'l Conf. on East-Asian Language Processing and Internet Information …

• **PKKJ05**  * Park, M., Y. Kim, M. Kang, and Y. Jun, "Improving On-the-fly Race Detection for Message-Passing Programs," Proc. of Int'l Conf. of Computational Methods in S…

• **PPBJ04**  * Park, M., S. Park, S. Bae, and Y. Jun, "Scalable Race Visualization for Debugging Message-Passing Programs," Proc. of Workshop on State-of-the-Art in Scienti…
