## International Papers

<table>
<thead>
<tr>
<th>Year</th>
<th>SCI/SCIE Journal</th>
<th>ACM/IEEE Conf.</th>
<th>SCOPUS Journal</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2017</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2016</td>
<td>TCKJ16</td>
<td>-</td>
<td>KHJP16, KKHJ16, CHHJ16</td>
<td>CKHJ16</td>
</tr>
<tr>
<td>2015</td>
<td>HaJu15</td>
<td>KHJP15, PaHJ15a, KaHJ15, PaHJ15s, CPHJ15</td>
<td>TcKJ15</td>
<td>HyHJ15</td>
</tr>
<tr>
<td>2014</td>
<td>PHHJ14, BKKH14, TSHK14</td>
<td>HaJu14, ChHJ14, KaHJ14, MKHJ14, HaCJ14</td>
<td>KPHJ14, KLHJ14, CPHJ14,</td>
<td></td>
</tr>
<tr>
<td>2013</td>
<td>TKJL13, TcKJ13, KiSJ13</td>
<td>KiHJ13, TcHJ13, TcHJ13a, KaHJ13, ChHj13, HaJu13</td>
<td>-</td>
<td></td>
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<tr>
<td>2012</td>
<td>TcKJ12e, KTJL12</td>
<td>HKTJ12, TcKJ12a, TcKJ12dv, THGY12</td>
<td>TcKJ12d, DoTJ12, MeHJ12, PaJu12</td>
<td>KuHJ12, TcKJ12t, HaJu12, GaTJ12</td>
</tr>
<tr>
<td>2011</td>
<td>-</td>
<td>KiSJ11</td>
<td>THKJ11l, KiHJ11, KiJJ11, THKJ11at, KaJu11, LKPY11, HaJu11e</td>
<td>HaJu11m, THKJ11a</td>
</tr>
<tr>
<td>2010</td>
<td>-</td>
<td>TKJL10</td>
<td>TcKJ10, THK10, HaKJ10, HTSJ10, KiJu10, KTJB10</td>
<td>KiHJ10</td>
</tr>
<tr>
<td>2009</td>
<td>-</td>
<td>-</td>
<td>KJHJ09, KHJJ09, PKKJ09</td>
<td>-</td>
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<tr>
<td>2008</td>
<td>-</td>
<td>KIKJ08</td>
<td>-</td>
<td>-</td>
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<tr>
<td>2007</td>
<td>-</td>
<td>PHJP07</td>
<td>LiJu07, KKHJ07, PSJP07, KiLJ07, PKCH07</td>
<td>-</td>
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<tr>
<td>2006</td>
<td>-</td>
<td>-</td>
<td>PaJu06</td>
<td>KiJu06, PKCH06</td>
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<tr>
<td>2005</td>
<td>-</td>
<td>-</td>
<td>KPPJ05</td>
<td>KPLJ05, PKKJ05</td>
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<tr>
<td>2004</td>
<td>-</td>
<td>-</td>
<td>PaJu04</td>
<td>PPB04, HaJY04</td>
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<tr>
<td>2003</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>2002</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>LeJu02, KIKJ02</td>
</tr>
<tr>
<td>2001</td>
<td>-</td>
<td>-</td>
<td>PaPJ01</td>
<td>-</td>
</tr>
<tr>
<td>2000</td>
<td>-</td>
<td>-</td>
<td>JuMc00</td>
<td>KKPJ00</td>
</tr>
</tbody>
</table>

### 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…

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  * 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 Netwo…


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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…

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• JuHa15c  * Sang-Soo Jun and Ok-Kyoon Ha, "Complexity Evaluation of CT-Images for GPU-Based Volume Rendering," In Proceedings of International Conference on u- and e-Se…


• KaHJ15  * Kang, Myeong-Sin, Ok-Kyoon Ha and Yong-Kee Jun, "Visualizing Event Synchronization of ARINC 653 Applications for Debugging Race Conditions," In Proceedings …

• 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…


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- **ChHJ13** *Eu-Teum Choi, O.-K, Ha, and Y.-K. Jun "Configuration Tool for ARINC 653 Operating Systems"*, ICCA 2013, Jeju, Korea, November 27-29, 2013 * SCOPUS pub…


- **ChHJ16** *Choi, Eu-Teum, Ok-Kyoon Ha, and Yong-Kee Jun, “AR653: Dynamic Detection Tool for Atomicity Races in ARINC 653 Applications,” International Journal of Softwar…

- **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…


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- **KHJP16** *Hyun-Ji Kim, Ok-Kyoon Ha, Yong-Kee Jun, and Hee-Dong Park, “Case Study on Message Races in Data Distribution Service Programs," International Journal of Sof…


- **KiJu98** *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–…

- **KiJu99** *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**  
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• **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…

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• **LiJu07**  
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• **PaJu06**  
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• **TcHJ13**  

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• **TcKJ10**  

• **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…

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• **KLHJ14**  
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• **KPHJ14**  
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