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Status	Ph.D	
Graduate	2013	
Graduation thesis	Efficient Verification of Data Races in Interrupt-Driven Embedded Software	
SNS	Homepage / LinkedIn / ResearchGate / etc...	

International Publication

SCI/SCIE Journal

- [KTJL12](#) * K. H. Kim, Guy Martin Tchamgoue, Yong-Kee Jun, and W.Y. Lee, "An Optimal Resource Sharing in Hierarchical Virtual Organizations in the Grid", IEICE Transacti...
- [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 Netwo...
- [TCKJ16](#) * Guy Martin Tchamgoue, K.H. Kim, and Yong-Kee Jun, "EventHealer: Bypassing data races in event-driven programs", Journal of Systems and Software, vol. 118, p...
- [TKJL13](#) * G. M. Tchamgoue, K. H. Kim, Y.-K. Jun, and W.-Y. Lee, "Compositional Real-Time Scheduling Framework for Periodic Reward-Based Task Model", Journal of Syste...

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- [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...
- [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...
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- [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 ...
- [HTSJ10](#) * O. Ha, G. M. Tchamgoue, J. Suh, and Y. Jun, "On-the-fly Healing of Race Conditions in ARINC-653 Flight Software," In proceedings of Digital Avionics Systems ...
- [KTJB10](#) * K.-H. Kim, G. M. Tchamgoue, Y.-K. Jun, and K.-Y. Bang, "A Flexible Resource Sharing Framework for Integrating Hierarchical Components", In Proceedings of the...
- [TcHJ13](#) * G. M. Tchamgoue, O.-K. Ha, and Y.-K. Jun "Dynamic Data Race Detection for Interrupt-Driven Programs", In Proceedings of the 1st International Conference ...
- [TcHJ13a](#) * G. M. Tchamgoue, O.-K. Ha, and Y.-K. Jun, "An Efficient Labeling Scheme for Data Race Detection in Interrupt-Driven Programs", In Proceedings of the 1st ...
- [TcKJ10](#) * G. M. Tchamgoue, K.-H. Kim, and Y.-K. Jun, "Compositional Scheduling Framework for Imprecise Computation Model," Work-in-Progress Proceedings of the 16th IE...
- [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...
- [TcKJ15](#) * Guy Martin Tchamgoue, Kyong-Hoon Kim, and Yong-Kee Jun, "Power-Aware Scheduling of Compositional Real-Time Frameworks", Journal of Systems and Software, Volu...
- [THKJ11at](#) * Tchamgoue, G.M., Ha, O.-K., Kim, K.-H., Jun, Y.-K.: A Taxonomy of Concurrency Bugs in Event-Driven Programs. In Proceedings of the ASEA 2011, CCIS 257, pp. 4...
- [THKJ11l](#) * G. M. Tchamgoue, O.-K. Ha, K.-H. Kim, and Y.-K. Jun, "Lightweight Labeling Scheme for On-the-fly Race Detection of Signal Handlers", In Proceedings of the Wo...
- [TKHK10](#) * G. M. Tchamgoue, I.-B. Kuh, O.-K. Ha, K.-H. Kim, and Y.-K. Jun, "A Race Healing Framework in Simulated ARINC-653", Proceedings of the Int'l Conference on Fut...
- [TKJL10](#) * G. M. Tchamgoue, K.-H. Kim, Y.-K. Jun, and W.-Y. Lee, "Hierarchical Real-Time Scheduling Framework for Imprecise Computations", In Proceedings of the 8th IEE...

Others Publication

- [GaTJ12](#) * Gan, Lin, Guy Martin Tchamgoue, and Yong-Kee Jun, "Visualizing Data Races in Concurrent Signal Handlers," In Proceedings of the 1st International Conference ...
- [TcKJ12t](#) * G. M. Tchamgoue, K.-H. Kim, and Y.-K. Jun, "Testing and Debugging Concurrency Bugs in Event-Driven Programs", International Journal of Advanced Science and T...
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