

# Seminar: 2012 Winter

| No | Ref                    | Citation   | Speaker                    | Date  |
|----|------------------------|--|----------------------------|-------|
| 1  | <a href="#">Sels09</a> | S., Konstantin, and Timur Iskhodzhanov, "ThreadSanitizer - data race detection in practice," Proceedings of the Workshop on Binary Instrumentation and Applications (WBIA'09), pp. 62-71, ACM, NY, December, 2009.   | <a href="#">In-Bon Kuh</a> | 01.30 |
|    | <a href="#">FaNU03</a> | E. Farchi, Y. Nir, and S. Ur, "Concurrent Bug Patterns and How to Test Them," In Proceedings of the 17th International Symposium on Parallel and Distributed Processing, pp.286-292, IEEE, 2003  | Myeong-Sin                 |       |
| 2  | <a href="#">FeFe07</a> | T. K. Ferrell and U. D. Ferrell, "RTCA DO-178B/EUROCAE ED-12B", Avionics: Elements, Software and Functions.  | Sun-Sook                   | 02.06 |
|    | <a href="#">HeMc96</a> | D. P. Helmbold and C. E. McDowell, "A Taxonomy of Race Conditions," Journal of Parallel Distributed Computing, 33(2):159-164, 1996.  | Eu-Teum                    |       |
| 3  | <a href="#">KLTU07</a> | B. Krena, Z. Letko, R. Tzoref, S. Ur, and T. Vojnar, "Healing data races on-the-fly." In Proceedings of the 2007 ACM workshop on Parallel and distributed systems: testing and debugging (PADTAD '07). ACM, New York, NY, USA, 54-64.                                  | Joong Hoon                 | 02.13 |
|    | <a href="#">ELCG12</a> | E., Laura, B. Lucia, L. Ceze, D. Grossman, and Hans-J. Boehm, "IFRit: Interference-Free Regions for Dynamic Data-Race Detection," Proceedings of Object oriented programming systems languages and applications (OOPSLA'12), pp. 467-483, ACM, Arizoon, October, 2012. | <a href="#">In-Bon Kuh</a> |       |
| 4  | <a href="#">EMBO10</a> | J. Erickson, M. Musuvathi, S. Burckhardt, and K. Olynyk, "Effective Data-Race Detection for the Kernel", In Proceedings of the 9th USENIX conference on Operating systems design and implementation (OSDI'10), USENIX, pp. 1-16, 2010.                                 | Myeong-Sin                 | 02.20 |
|    | <a href="#">SBNS97</a> | S. Savage, M. Burrows, G. Nelson, P. Sobalvarro, and T. Anderson. Eraser: a dynamic data race detector for multithreaded programs. ACM Trans. Comput. Syst., 15:391-411, November 1997.  | Eu-Teum                    |       |
| 5  | <a href="#">LeVK08</a> | Z.Letko,T.Vojnar, and B. Krena, "AtomRace: Data Race and Atomicity Violation Detector and Healer," PADTAD 2008, ACM.   | Joong Hoon                 | 02.27 |
| 6  | <a href="#">FIFr10</a> | C. Flanagan, and S. N. Freund, "FastTrack: Efficient and Precise Dynamic Race Detection," Communications of the ACM, vol 53, pp. 93-101, ACM, Nov. 2010.   | Myeong-Sin                 | 03.06 |
|    | <a href="#">JaTi08</a> | A. Jannesari and W. F. Tichy, "On-the-fly Race Detection in Multi-Threaded Programs," In Proceedings of the 6th Workshop on Parallel and Distributed Systems: Testing, Analysis, and Debugging (PADTAD), ACM, pp. 1-10, July 2008.                                     | Eu-Teum                    |       |
| 7  | <a href="#">MeHJ12</a> | Y. Meng, O.-K. Ha, and Y.-K. Jun, "Dynamic Instrumentation for Determining Logical Concurrency Between Threads of OpenMP Programs".  | Meng Ying                  | 03.12 |
|    | <a href="#">RBKZ09</a> | P. Ratanaworabhan, M. Burtscher, D. Kirovski, B. Zorn, R. Nagpal, and Karthik Pattabiraman, "Detecting and Tolerating Asymmetric Races," Symposium on Principles and Practice of Parallel Programming (PPoPP), pp. 173-184, ACM.                                       | Joong Hoon                 |       |

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Last update: **2014-08-14 07:10**  
 Printed on: **2025-05-09 10:05**