

DSLAb. Seminar

2020

seminar: 2020 DO-178C

No	Ref	Contents	Speaker	Date
1	DO-178C	1.0 Introduction	이건표	01/09 4pm
		2.0 System aspects relating to software development		
		3.0 Software life cycle		
2	DO-178C	4.0 Software planning process	TSogbayar Jargalsaikhan	01/16 4pm
		5.0 Software development processes	최으뜸	
		6.0 Software verification process		
3	DO-178C	7.0 Software configuration management process	백형진	01/23 4pm
		8.0 Software quality assurance process		
		9.0 Certification liaison process		
		10.0 Overview of certification process		
4	DO-178C	11.0 Software life cycle data	이건표	01/30 4pm
		12.0 Additional considerations	김태형	
5	workshop			

2019

workshop: 2019 Nov. workshop

No	Ref	Contents	Speaker	Date
1		Redmine	최으뜸	11/28 4pm
2		FACE(Future Airborne Capability Environment) overview	이건표	11/28 4pm
3		FACE(Future Airborne Capability Environment) 기반의 SITL(Software in the Loop) 연구	이건표	11/28 4pm
4		project 진행 사항 점검	이건표	11/28 4pm
5	workshop			

Seminar: 2019 Research topic sharing

No	Ref	Contents	Speaker	Date
1		항공기 소프트웨어의 건전성 관리시스템에서 함수호출의 순서위배를 자율적으로 수리하는 기법	김태형	10/10 7pm
2		테스트 인터리빙을 사용한 자율수리기법	백형진	10/10 7pm
3		System-Level Health Monitoring	이건표	10/17 7pm
4		Providing portability to flight control software of UAV using FACE standard	TSogbayar Jargalsaikhan	10/17 7pm
5		Redmine	최으뜸	10/17 7pm
6	workshop			

Seminar: 2019 Development Tool Study

No	Ref	Contents	Speaker	Date
1	lbn10	Lab 1: Starting a new IBM Rational Rhapsody project	이건표	8/29 7pm
2	lbn10	Lab 2: Set properties and create diagrams	이건표	8/29 7pm
3		Git Introduction	이민지	8/29 7pm
4	lbn10	Lab 3: Create an Object Model diagram	TSogbayar Jargalsaikhan	9/5 7pm
5	lbn10	Lab 4: Navigate the model and add a state machine diagram	TSogbayar Jargalsaikhan	9/5 7pm
6	lbn10	Lab 5: Model Execution	이건표	9/12 7pm
7	lbn10	Lab 6: Standard Ports	이건표	9/12 7pm
8	workshop			

Seminar: 2019 Research sharing

No	Ref	Contents	Speaker	Date
1		항공기 소프트웨어의 건전성 관리시스템에서 함수호출의 순서위배를 자율적으로 수리하는 기법	김태형	7/11 7pm
2		테스트 인터리빙을 사용한 자율수리기법	백형진	7/11 7pm
3		Software-In-The-Loop Simulation of Flight Control Software Based on FACE Architecture	이건표	7/18 7pm
4		Providing portability to flight control software of UAV using FACE standard	TSogbayar Jargalsaikhan	7/18 7pm
5		LLVM Instrumentation	이승은	7/25 7pm
6	workshop			

Seminar: 2019 Flight Management System

No	Ref	Contents	Discussion	Speaker	Date
1	Walt15		Navigation		5/16 7pm
2	Walt15		Flight planning		5/16 7pm
3	Walt15	Navigation	Trajectory predictions	백형진	5/23 7pm
4	Walt15	Flight planning	Performance computations	김태형	5/23 7pm
5	Walt15	Trajectory predictions	Guidance	TSogbayar Jargalsaikhan	6/6 7pm
6	Walt15	Performance computations		이건표	6/6 7pm
7	Walt15	Guidance		이건표	6/13 7pm
8	workshop				6/21 4pm

Seminar: 2019 FACE 3.0 2nd

No	Ref	Citation	Speaker	Date
1	FACE 3.0	FACE Technical Standard, Edition 3.0 (p.4~23)	TSogbayar Jargalsaikhan	3/21 7pm
2	FACE 3.0	FACE Technical Standard, Edition 3.0 (p.23~44)	Tae-Hyung Kim	3/21 7pm
3	FACE 3.0	FACE Technical Standard, Edition 3.0 (p.43~57)	Jeong-Mun Park	3/28 7pm
4	FACE 3.0	FACE Technical Standard, Edition 3.0 (p.57~76)	Su-In Lee	3/28 7pm
5	FACE 3.0	FACE Technical Standard, Edition 3.0 (p.76~95)	Hyoung-Jin Baek	4/4 7pm
6	FACE 3.0	FACE Technical Standard, Edition 3.0 (p.95~112)	Keon-Pyo Lee	4/4 7pm
8	workshop			4/11 4pm

Seminar: 2019 FACE & FMS

No	Ref	Citation	Speaker	Date
1	FACE 3.0	FACE Technical Standard, Edition 3.0 (p.4~23)	TSogbayar Jargalsaikhan	1.24
2	FACE 3.0	FACE Technical Standard, Edition 3.0 (p.23~44)	Tae-Hyung Kim	1.24
3	FACE 3.0	FACE Technical Standard, Edition 3.0 (p.43~57)	Jeong-Mun Park	1.31
4	FACE 3.0	FACE Technical Standard, Edition 3.0 (p.57~76)	Su-In Lee	1.31
5	FACE 3.0	FACE Technical Standard, Edition 3.0 (p.76~95)	Hyoung-Jin Baek	2.07
6	FACE 3.0	FACE Technical Standard, Edition 3.0 (p.95~112)	Keon-Pyo Lee	2.07
7	Walt15	Flight Management Systems (p.1~26)	Eu-Teum Choi	2.14
8	동수18	An Efficient Health Management System for On-the-fly Repairing of Atomicity Violation in Airborne Software	Batgerel Tserennadmid	2.14
9	workshop			2.19

2018

Seminar: 2018 Repairing

No	Ref	Citation	Speaker	Date
1	WHMZ12	Studying on ARINC 653 partition run time scheduling and simulation	TSogbayar Jargalsaikhan	11.15
2	동수18	An efficient health management system for on-the-fly repairing of atomicity violation in airborne software	Batgerel Tserennadmid	11.15
3	ZWLQ16	A lightweight system for detecting and tolerating concurrency bugs	Hyoung-Jin Baek	12.6
4	ABDG15	GPU Concurrency: Weak Behaviours and Programming Assumptions	Keon-Pyo Lee	12.13
5	주혁18	An efficient technique for on-the-fly repairing of atomicity violation in pthread programs	Batgerel Tserennadmid	12.13
6	THKJ11	A framework for on-the-fly race healing in ARINC-653 applications	Tae-Hyung Kim	12.13
7	SrSc11	The case for software health management	Tae-Hyung Kim	12.2
8	KLTU07	Healing data races on-the-fly	Hyoung-Jin Baek	12.2
9	GMV10,Laas15	Demonstration and comparison ARINC 653 simulators (on SIMA and ARISS)	TSogbayar Jargalsaikhan	12.27
10	EPPM17	BARRACUDA: Binary-level Analysis of Runtime Races in CUDA programs	Keon-Pyo Lee	12.27
11	Workshop			1.10

Seminar: 2018 UML 2.0

No	Ref	Citation	Speaker	Date
1	Fowl04	UML Distilled Third Edition (CH.1)	Min-Ji Lee	7.17

No	Ref	Citation	Speaker	Date
2	Fowl04	UML Distilled Third Edition (CH.2)	I-Jeong Woo	7.17
3	Fowl04	UML Distilled Third Edition (CH.3)	Tae-Hyung Kim	7.17
4	Fowl04	UML Distilled Third Edition (CH.4 ~ 5 Derived Properties)	Batgerel Tserennadmid	7.24
5	Fowl04	UML Distilled Third Edition (CH.5 Interfaces and Abstract Classes ~ CH.7)	Keon-Pyo Lee	7.24
6	Fowl04	UML Distilled Third Edition (CH.8 ~ 10)	Hyoung-Jin Baek	7.24
7	Fowl04	UML Distilled Third Edition (CH.11)	Eu-Teum Choi	7.24
8	Fowl04	UML Distilled Third Edition (CH.12 ~ 17)	TSogbayar Jargalsaikhan	
9	workshop			7.28

Seminar: 2018 Dod JSSSEH

No	Ref	Citation	Speaker	Date
1	Dod JSSSEH	DEPARTMENT OF DEFENSE JOINT SOFTWARE SYSTEMS SAFETY ENGINEERING HANDBOOK Section 1, 2	Hyoung-Jin Baek	4.05
2	Dod JSSSEH	DEPARTMENT OF DEFENSE JOINT SOFTWARE SYSTEMS SAFETY ENGINEERING HANDBOOK Section 3, 4.1	Ji-Hoon Ok	4.05
3	Dod JSSSEH	DEPARTMENT OF DEFENSE JOINT SOFTWARE SYSTEMS SAFETY ENGINEERING HANDBOOK Section 4.2	Tae-Hyung Kim	4.12
4	Dod JSSSEH	DEPARTMENT OF DEFENSE JOINT SOFTWARE SYSTEMS SAFETY ENGINEERING HANDBOOK Section 4.3 ~ 4.3.5	Dong-Su Lee	4.12
5	Dod JSSSEH	DEPARTMENT OF DEFENSE JOINT SOFTWARE SYSTEMS SAFETY ENGINEERING HANDBOOK Section 4.3.6 ~ 4.3.8	Keon-Pyo Lee	4.19
6	Dod JSSSEH	DEPARTMENT OF DEFENSE JOINT SOFTWARE SYSTEMS SAFETY ENGINEERING HANDBOOK Section 4.4, 4.5	Ju-Hyeok Park	4.19

Seminar: 2019 New member's

No	Ref	Citation	Speaker	Date
1	MaDK11	Application on software management techniques	Hyoung-Jin Baek	3.1
2	LPSZ08	Learning from mistakes – a comprehensive study on real world concurrency bug characteristics	Su-In Lee	3.1
3	HTSJ10	On-the-fly healing of race conditions in ARINC-653 flight software	Tae-Hyung Kim	3.17
4	GoHo07	Software fault protection with ARINC 653	Jeong-Mun Park	3.17
5	ZhNg10	Predicting concurrency bugs: how many, what kind, where are they	Ji-Hoon Ok	3.24

Seminar: 2018 winter

No	Ref	Citation	Speaker	Date
1	AMKS17	Repairing event race error by controlling nondeterminism	Ju-Hyeok Park	1.09

No	Ref	Citation	Speaker	Date
2	ZKLL13	ConAir: featherweight concurrency bug recovery via single-threaded idempotent execution	Dong-Su Lee	1.09
3	YuNa09	A case for an interleaving constrained shared-memory multi-processor	TSogbayer Jargalsaikhan	1.16
4	ZWLQ16	AI: a lightweight system for tolerating concurrency bugs	Hyoung-Jin Baek	1.16
5	ZhWa14	Runtime prevention of concurrency related type-state violations in multithreaded applications	Batgerel Tserennadmid	1.23
6	KLTU07	Healing data races on-the-fly	Ji-Hoon Ok	1.23
7	-	RTWorks	Eu-Teum Choi	1.3
8	LHCB17	LD: Low-Overhead GPU Race Detection Without Access Monitoring	Keon-Pyo Lee	1.3
9	WZLX16	ARROW: automated repair of races on client-side web pages	Hyoung-Jin Baek	2.06
10	LiCL16	Understanding and generating high quality patches for concurrency bugs	Ju-Hyeok Park	2.06
11	workshop			2.13

2017

Seminar: 2017 Spring

No	Ref	Citation	Speaker	Date
1			Eu-Teum Choi	
2	LeDa10	Kivati: Fast Detection and Prevention of Atomicity Violations	Ju-Hyeok Park	
3	QTSZ05	Rx: Treating Bugs As Allergies— A Safe Method to Survive Software Failures	Dong-Su Lee	
4	ZRQA14	Gmrace: Detecting data races in gpu programs via a low-overhead scheme	Keon-Pyo Lee	
5			Eu-Teum Choi	
6	VCFN11	Detecting and Surviving Data Races using Complementary Schedules	Ju-Hyeok Park	
7	LZLT16	Compiler-Directed Lightweight Checkpointing for Fine-Grained Guaranteed Soft Error Recovery	Dong-Su Lee	
8	LiLG14	parctical symbolic race checking of gpu programs	Keon-Pyo Lee	

2016

Seminar: 2016 Fall

No	Ref	Citation	Speaker	Date
1	옥용15	멀티 스레드 프로그램을 위한 동적 자료경합 탐지 기술 현황	Ju-Hyeok Park	10.08
2	옥용11	내포 병렬성 프로그램에서 수행 중 경합 탐지를 위한 효율적 스레드 식별자 생성 기법	Dong-Su Lee	10.08
3	옥선10	OpenMP 프로그램을 위한 효율적 병행성 정보의 생성기법	김수용	10.22

No	Ref	Citation	Speaker	Date
4	옥문09	OpenMP 프로그램을 위한 경합탐지도구의 실험적 비교와 분석	Keon-Pyo Lee	10.22
5	옥문08	스레드 동기화가 없는 OpenMP 디렉티브 프로그램을 위한 효율적인 경합검증 도구	Hyoung-Jin Baek	10.29
6	KLTU07	Healing data races on-the-fly	Eu-Teum Choi	10.29
7	HaLR10	Transactional Memory 2nd Edition (CH.2 1/2)	Byeongmu Kim	11.05
8	LPSZ08	Learning from mistakes – a comprehensive study on real world concurrency bug characteristics	Ah-Ra Jo	11.05
9	RSCC04	PIN: a binary instrumentation tool for computer architecture research and education	강성은	11.12
10	-	-	Hyang-Yeon Bae	11.12
11	HaJu15	An efficient algorithm for on-the-fly data race detection using an epoch-based technique	Ju-Hyeok Park	11.19
12	YuNa09	A case for an interleaving constrained shared-memory multi-processor	Dong-Su Lee	11.19
13	LaAd04	LLVM: A compilation framework for lifelong program analysis & transformation	김수용	11.26
14	LeVK08	AtomRace data race and atomicity violation detector and healer	Keon-Pyo Lee	11.26
15	BKSL08	The PARSEC benchmark suite: Characterization and architectural implications	Hyoung-Jin Baek	12.03
16	HaLR10	Transactional Memory 2nd Edition (CH.4)	Eu-Teum Choi	12.03
17	HaLR10	Transactional Memory 2nd Edition (CH.2 2/2)	Byeongmu Kim	12.17
18	-	-	Ah-Ra Jo	12.17
19	-	Pin 3.0 User Guide	강성은	12.24
20	-	-	Hyang-Yeon Bae	12.24

2015

Seminar: 2015 Spring

No	Ref	Citation	Speaker	Date
1	Sels09	Thread Sanitizer	Min-Gi Song	04.10
2	MaMN09	LiteRace : Effective Sampling for Lightweight Data-Race Detection	Se-Won Park	04.10
3	EtOY12	Configuration Tool for ARINC 653 Operating Systems	Bong-Jun Paeng	04.24
4	ELCG12	IFRit: Interference-Free Regions for Dynamic Data-Race Detection	Eu-Teum Choi	04.24
5		Introduction of research in DS-Lab	Ok-Kyoon Ha	05.01
6		졸업논문 중간보고	Hyun-Ji Kim	05.08
7	JaTi08	On-the-fly Race Detection in Multi-Threaded Programs	Hyang-Yeon Bae	05.08
8		미정	Se-Won Park	05.15
9	Pris08	ARINC 653 ROLE IN INTEGRATED MODULAR AVIONICS (IMA)	Bong-Jun Paeng	05.15
10		미정	Eu-Teum Choi	05.22
11	LaAd04	LLVM: A Compilation Framework for Lifelong Program Analysis & Transformation	Min-Gi Song	05.22

2014

Seminar: 2014 Fall

No	Ref	Citation	Speaker	Date
1		Invite talk	Ok-Kyoon Ha	10.02
2		소프트웨어공학 단기전문강좌 - 모델 기반 소프트웨어 테스트	Se-Won Park	10.16
3	PaCh09 hyunji	Park, M. Y., and S. H. Chung, "Detecting Race Conditions in One-Sided Communication of MPI Programs", 8th IEEE/ACIS International Conference on Computer and Information Science (ICIS09), pp.867-872, IEEE Computer Society, China, June 2009.	Hyun-Ji Kim	10.23
4	Nemi92	Robert H. B and Barton P. Miller "What are Race Conditions?" Computer Sciences Department	Bong-Jun Paeng	10.30
5	CJSZ14	University of Wisconsin-Madison 1210 W. Dayton Street Madison, Wisconsin 53706	Se-Won Park	11.06
6	PSJP07	Mi-Young Park, Su Jeong Shim, Yong-Kee Jun, and Hyuk-Ro Park, "MPIRace-Check: Detection of Message Races in MPI Programs," Proc. of the 2st Int'l Conf. on Grid and Pervasive Computing (GPC), Lecture Notes in Computer Science, 4459: 322-333, Springer-Verlag, Paris, France, May 2007.	Hyun-Ji Kim	11.13
7	ChLi10	Lee Chew and David Lie "Kivati: Fast Detection and Prevention of Atomicity Violations" Department of Electrical and Computer Engineering University of Toronto	Bong-Jun Paeng	11.20

Seminar: 2014 Summer

No	Ref	Citation	Speaker	Date
1		Orientation of DS-Lab.	Yong-Kee Jun	7.10
		A proposal talk	In-Bon Kuh	
2	ELCG12	E., Laura, B. Lucia, L. Ceze, D. Grossman, and Hans-J. Boehm, "IFRit: Interference-Free Regions for Dynamic Data-Race Detection," in Proc. of Object oriented programming systems languages and applications (OOPSLA'12), pp. 467-483, ACM, Arizona, October 2012.	Se-Won Park	7.17
	YuNa09	Jie Yu and S. Narayanasamy, "A Case for an Interleaving Constrained Shared-Memory Multi-Processor", in Proc. of the 36th Annual International Symposium on Computer Architecture (ISCA'09), pp. 325-336, ACM, 2009.	Bong-Jun Paeng	
3	PaCh08	Mi-Young Park and Sang-Hwa Chung, "Detection of first races for debugging message-passing programs," in the 8th IEEE International Conference on Computer and Information Technology, pp. 261-266, IEEE, 2008.	Hyun-Ji Kim	7.24
		An invited talk	Ok-Kyoon Ha	

No	Ref	Citation	Speaker	Date
4	FlFr09	Flanagan, C., and S. N. Freund, "FastTrack: Efficient and Precise Dynamic Race Detection," in Proc. of the 2009 ACM SIGPLAN conference on Programming language design and implementation (PLDI'09), pp. 121-133, ACM, Ireland, June 2009.	Se-Won Park	7.31
	LPSZ08	Shan Lu, Soyeon Park, Eunsoo Seo, and Yuanyuan Zhou, "Learning from mistakes: a comprehensive study on real world concurrency bug characteristics", in Proc. of the 13th international conference on Architectural support for programming languages and operating systems (ASPLOS'08), pp. 329-339, ACM, March 2008.	Bong-Jun Paeng	
5	Aero06	ARINC SPECIFICATION 653P1-2: Avionics Application Software Standard Interface, Part 1 - Required Services, Aeronautical Radio, Inc., Dec 2005.	Hyun-Ji Kim	8.7
	ChLi10	Lee Chew, and David Lie, "Kivati: fast detection and prevention of atomicity violations," in Proc. of the 5th European conference on Computer systems (EuroSys'10), pp. 307-320, ACM, April 2010.	In-Bon Kuh	
		An invited talk	Guy Martin Tchamgoue	TBA
		An overview of concurrency bugs	Yong-Kee Jun	TBA

Seminar: 2014 Spring

No	Ref	Citation	Speaker	Date
1	PaJu04	Mi-Young Park and Yong-Kee Jun, "Detecting Unaffected Race Conditions in Message-Passing Programs" Springer Berlin Heidelberg, 2004	Hyun-ji	5.30
2	ELCG12	L.Effinger-Dean, Hans-J.Boehm, "Interference-Free Regions for Dynamic Data-Race Detection", 2009.	Se-Won	6.13
3	YuNa09	Jie Yu and S. Narayanasamy, "A Case for an Interleaving Constrained Shared-Memory Multi-Processor", in Proc. Of the 36th Annual International Symposium on Computer Architecture, 2009.	Bong-jun	6.13
4	옥명09	Ha, O., M.kang, and Y.Jun. "An Empirical Comparison and Analysis of Race Detection Tools for OpenMP Programs", journal of KIIT, 7(4):pp. 24-32, KIIT, August 2009	Chang-Min	6.20

2013

Seminar: 2013 Winter

No	Ref	Citation	Speaker	Date
1	ZhSL10	Wei Zhang, Chong Sun, and Shan Lu. 2010. ConMem: detecting severe concurrency bugs through an effect-oriented approach. In Proceedings of the fifteenth edition of ASPLOS on Architectural support for programming languages and operating systems (ASPLOS XV). ACM, New York, NY, USA, 179-192.	In-Bon Kuh	01.08
2	TckJ12e	Tchamgoue, G. M., Kim, K.-H., and Jun, Y.-K.: E_cient Detection of Data Races in Concurrent Signal Handlers. Information-An International Interdisciplinary Journal, 15(3):1317-1338, March 2012.	Myeong-Sin	01.22
3	NeMi92	R. H. B. Netzer and B. P. Miller. What are race conditions?: Some issues and formalizations. ACM Lett. Program. Lang. Syst., 1:74-88, March 1992.	Eu-Teum	01.22

No	Ref	Citation	Speaker	Date
4	Sels09	Konstantin Serebryany and Timur Iskhodzhanov. 2009. ThreadSanitizer: data race detection in practice. In Proceedings of the Workshop on Binary Instrumentation and Applications (WBIA '09). ACM, New York, NY, USA, 62-71.	Se-Won	01.29
5	HKTJ12	On-the-fly Detection of Data Races in OpenMP Programs	Hyun-ji	01.29
6	LPSZ08	Shan Lu, Soyeon Park, Eunsoo Seo, and Yuanyuan Zhou. 2008. Learning from mistakes: a comprehensive study on real world concurrency bug characteristics. SIGARCH Comput. Archit. News 36, 1 (March 2008), 329-339.	Eu-Teum	02.05
7	TaGO08	T. Tahara, K. Gondow, S. Ohsuga, "Dracula: Detector of Data Races in Signals Handlers," In Proceedings of the 15th Asia-Pacific Software Engineering Conference (APSEC '08), IEEE, pp. 17-24, 2008	Myeong-Sin	02.05
8	JaTi08	A. Jannesari and W. F. Tichy, "On-the-fly race detection in multi-threaded programs," in PADTAD08: Proceedings of the 6th workshop on Parallel and distributed systems. New York, NY, USA: ACM, 2008.	Bong-jun	02.12
9	PaJu04	Mi-Young Park and Yong-Kee Jun. 2004. Detecting Unaffected Race Conditions in Message-Passing Programs. Springer Berlin Heidelberg.	Hyun-ji	02.12

2012

Seminar: 2012 Winter

No	Ref	Citation	Speaker	Date
1	Sels09	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.	In-Bon Kuh	01.30
	FaNU03	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	FeFe07	T. K. Ferrell and U. D. Ferrell, "RTCA DO-178B/EUROCAE ED-12B", Avionics: Elements, Software and Functions.	Sun-Sook	02.06
	HeMc96	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	KLТУ07	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
	ELCG12	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.	In-Bon Kuh	
4	EMBO10	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
	SBNS97	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	LeVK08	Z.Letko,T.Vojnar, and B. Krena, "AtomRace: Data Race and Atomicity Violation Detector and Healer," PADTAD 2008, ACM.	Joong Hoon	02.27

No	Ref	Citation	Speaker	Date
6	FlFr10	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
	JaTi08	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	MeHJ12	Y. Meng, O.-K. Ha, and Y.-K. Jun, "Dynamic Instrumentation for Determining Logical Concurrency Between Threads of OpenMP Programs".	Meng Ying	03.12
	RBKZ09	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	

Seminar: 2012 Spring

No	Ref	Citation	Speaker	Date
1	RBKZ09	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.	In-Bon	03.24
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7	TiPa05	B. L. Titzer and J. Palsberg, "Nonintrusive Precision Instrumentation of Microcontroller Software," LCTES'05, ACM, June 15-17, 2005, Chicago,USA.	Martin	05.12
	RoMB04	Ronsse, M., J. Maebe, and K. De Bosschere, "Detecting Data Races in sequential Programs with DIOTA," In Proc. of Euro-Par 2004 Parallel Processing, Lecture Notes in Computer Science (LNCS), Springer, Vol. 3149: 82-89, 2004.	Sahaja	
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