## Michael K. Reiter

### Curriculum Vitae Last Updated: July 5, 2024

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## Education

Cornell University, Ithaca, New York, USA.

- Ph.D., Computer Science, August 23, 1993.
- M.S., Computer Science, August 26, 1991.

The University of North Carolina, Chapel Hill, North Carolina, USA.

• B.S., Mathematical Sciences with Highest Honors, May 14, 1989. Highest Distinction (rank 1 of 3476).

## **Professional Experience**

Duke University, Computer Science and Electrical & Computer Engineering Departments

- James B. Duke Distinguished Professor (July 2021 present)
- Professor (Jan 2021 June 2021)

#### Chainlink Labs

Researcher (Jan 2022 – present)

#### VMware Research Group

Affiliated Researcher (May 2017 – July 2022)

The University of North Carolina at Chapel Hill, Computer Science Department

- Lawrence M. Slifkin Distinguished Professor (Jul 2007 Dec 2020)
- Associate Chair for Diversity and Inclusion (Aug 2016 Dec 2020)

Carnegie Mellon University, Electrical & Computer Engineering and Computer Science Departments

- Professor (Oct 2001 Jun 2007)
- Founding Technical Director, CyLab

#### Bell Laboratories, Lucent Technologies

Director, Secure Systems Research (Sep 1998 – Sep 2001)

AT&T Labs – Research (formerly AT&T Bell Laboratories)

- Principal Technical Staff Member (Jun 1996 Sep 1998)
- Technical Staff Member (Aug 1993 May 1996)

#### New York University, Computer Science Department

Adjunct Assistant Professor (spring semester, 1998)

## Awards and Honors

Named an **ACM Fellow** (2008) and **IEEE Fellow** (2014) for "contributions to computer security and fault-tolerant distributed computing."

**ACM SIGSAC Outstanding Contributions Award** for "pioneering research contributions and leadership in computer and information security," 2016.

**ACM CODASPY Lasting Research Award** for "vulnerability detection in systems, applications, and machine learning models as well as developing innovative solutions to combat cyber attacks for over three decades." 2024.

#### Awards for scientific papers

- Outstanding Paper Award, 15<sup>th</sup> IEEE Symposium on Research in Security and Privacy.
- Best Paper Award, 3<sup>rd</sup> USENIX Workshop on Electronic Commerce.
- Best Paper Award & Best Student Paper Award, 8th USENIX Security Symposium.
- Best Paper Award, 12th ISOC Network and Distributed System Security Symposium.
- Best Paper Award, 17th ISOC Network and Distributed System Security Symposium.
- Best Paper Award, 6<sup>th</sup> International Conference on Internet Monitoring and Protection.
- Winner, 4<sup>th</sup> Annual Best Scientific Cybersecurity Paper Competition.
- Best Student Paper Award, 14<sup>th</sup> European Conference on Computer Systems.
- ACM CCS Test-of-Time Award, for paper appearing at the 16<sup>th</sup> ACM Conference on Computer and Communications Security.
- ACM CCS Test-of-Time Award, for paper appearing at the 19<sup>th</sup> ACM Conference on Computer and Communications Security.

#### Papers invited from the following conferences to appear in journals

- 15<sup>th</sup> IEEE Symposium on Research in Security and Privacy
- 16<sup>th</sup> IEEE Symposium on Security and Privacy
- 3<sup>rd</sup> ACM Conference on Computer and Communications Security
- 9<sup>th</sup> IEEE Computer Security Foundations Workshop
- 17<sup>th</sup> IEEE Symposium on Reliable Distributed Systems
- 13<sup>th</sup> ACM Conference on Computer and Communications Security
- 13<sup>th</sup> ACM Symposium on Access Control Models and Technologies

#### Scholarships and fellowships

- John Motley Morehead Scholar. The University of North Carolina, 1985–89.
- United States National Science Foundation (NSF) Graduate Fellow. Cornell University, 1989–92.

Excellence in Teaching Award of the Computer Science Student Association, Department of Computer Science, University of North Carolina at Chapel Hill, 2009.

## Scientific Lectures

Dr. Reiter has delivered numerous scientific lectures at scientific symposia, leading universities, and industrial research institutions. Below is a sample of noteworthy, invited lectures.

- 6<sup>th</sup> Annual International Workshop on Selected Areas in Cryptography (Kingston, Ontario, Canada). August 10, 1999.
- 2<sup>nd</sup> Conference on Security in Communications Networks (Amalfi, Italy). September 17, 1999.
- 1999 Frontiers in Engineering Symposium, National Academy of Engineering (Irvine, CA, USA). October 14, 1999.
- Keynote address, 2002 Internet Society Symposium on Network and Distributed System Security (San Diego, CA, USA). February 8, 2002.
- Department colloquium, Department of Computer Science, Yale University (New Haven, CT, USA). April 3, 2003.
- Information Security Institute Seminar, Johns Hopkins University (Baltimore, MD, USA). April 8, 2003.
- 2<sup>nd</sup> NJITES Symposium on Cybersecurity and Trustworthy Software, Stevens Institute of Technology (Hoboken, NJ, USA). April 28, 2003.
- Triangle Computer Science Distinguished Lecture, hosted by Duke University, North Carolina State University, and the University of North Carolina (North Carolina, USA). March 1, 2004.
- Conference on Future Directions in Informatics, School of Informatics, Indiana University (Bloomington, IN, USA), September 11, 2004.
- Keynote address, 7<sup>th</sup> International Conference on Information Security and Cryptology (Seoul, Korea). December 2, 2004.
- Distinguished Lecture, Computer Science Department, Stony Brook University (Stony Brook, NY, USA), March 11, 2005.
- Department colloquium, Department of Computer Science, Columbia University (New York, NY, USA). April 6, 2005.
- Institute for Security Technology Studies, Dartmouth College (Hanover, NH, USA). May 19, 2005.
- Advanced Networks Colloquium, hosted by the Center for Satellite and Hybrid Communication Networks, the Department of Electrical and Computer Engineering, and the Institute for Systems Research at the University of Maryland (College Park, MD, USA). September 16, 2005.
- Cornell Computer Science 40<sup>th</sup> Anniversary Symposium, Cornell University (Ithaca, NY, USA). October 1, 2005.
- Distinguished Lecture, Information Trust Institute, University of Illinois at Urbana-Champaign (Urbana, IL, USA). January 18, 2006.
- Information Science & Technology Colloquium, NASA Goddard Space Flight Center (Greenbelt, MD, USA). February 8, 2006.
- ZISC Information Security Colloquium, ETH Zurich (Zurich, Switzerland). May 30, 2006.
- Information Security Institute Seminar, Johns Hopkins University (Baltimore, MD, USA). November 29, 2006.
- Department colloquium, Department of Computer Science, University of North Carolina (Chapel Hill, NC, USA). December 13, 2006.
- Second Workshop of the EU-US Summit Series on Cyber Trust: System Dependability and Security, hosted by the Information Trust Institute, University of Illinois at Urbana-Champaign (Monticello, IL, USA). April 26, 2007.
- Keynote address, 12<sup>th</sup> European Symposium on Research in Computer Security (Dresden, Germany). September 24, 2007.

- Distinguished Lecture, Department of Computer and Information Science, University of Pennsylvania (Philadelphia, PA, USA). October 9, 2007.
- A 30-Year Perspective on Replication (Monte Verita, Ascona, Switzerland). November 7, 2007.
- 3<sup>rd</sup> Bertinoro Ph.D. School on Security of Wireless Networking (Bertinoro, Italy). July 27 August 1, 2008.
- Distinguished Lecturer Seminar Series, Computer Science Department, University of California at Irvine (Irvine, CA, USA). November 21, 2008.
- Keynote address, 10<sup>th</sup> International Symposium on Stabilization, Safety, and Security of Distributed Systems (Detroit, MI, USA). November 23, 2008.
- School of Electrical and Computer Engineering, Purdue University (West Lafayette, IN, USA).
   May 7, 2009.
- 7th International Conference on Applied Cryptography and Network Security (Paris-Rocquencourt, France). June 4, 2009.
- Keynote address, 29<sup>th</sup> International Conference on Distributed Computing Systems (Montreal, Canada). June 25, 2009.
- IFIP WG11.3 Conference on Data and Application Security (Montreal, Canada). July 12, 2009.
- Distinguished Speaker, Cray Colloquium Lecture Series, Department of Computer Science and Engineering, University of Minnesota (Minneapolis, MN, USA). October 19, 2009.
- Center for Applied Cybersecurity Research, Indiana University (Bloomington, IN, USA).
   December 3, 2009.
- Distinguished Colloquium, School of Informatics and Computing, Indiana University (Bloomington, IN, USA). December 4, 2009.
- Distinguished Lecture, Departments of Electrical & Computer Engineering and Computer Science, Iowa State University (Ames, IA, USA). March 12, 2010.
- IBM T.J. Watson Research Center (Hawthorne, NY, USA). March 16, 2010.
- Plenary lecture, MITACS International Focus Period: Advances in Network Analysis & its Applications - Network Security & Cryptography (Toronto, Ontario, Canada). June 24, 2010.
- MITACS Speaker Series on Privacy, University of Waterloo (Waterloo, Ontario, Canada). June 25, 2010.
- Distinguished Speaker Seminar, NEC Labs (Princeton, NJ, USA). August 13, 2010.
- Department of Electrical Engineering and Computer Science, University of Michigan (Ann Arbor, MI, USA). September 17, 2010.
- Distinguished Lecture, Department of Computer Science, University of Pittsburgh (Pittsburgh, PA, USA). January 21, 2011.
- Distinguished Lecture, Center for Advanced Security Research Darmstadt (Darmstadt, Germany). June 30, 2011.
- Distinguished Lecture, Department of Computer Science, University of Illinois at Urbana-Champaign (Urbana, IL, USA). October 24, 2011.
- Cyber Forum Speaker, Sandia National Labs (Albuquerque, NM, USA). June 5, 2012.
- CSE Colloquium and Distinguished Lecture, Department of Computer Science and Engineering, University of California at San Diego (San Diego, CA, USA). June 6, 2012.
- Keynote address, 3rd ACM Conference on Data and Application Security and Privacy (San Antonio, TX, USA). February 18, 2013.
- Distinguished Lecture, Department of Computing and Information Sciences, Kansas State University (Manhattan, KS, USA). March 6–7, 2013.
- Distinguished Lecture, Department of Computer Science, University of Texas at Dallas (Dallas, Texas, USA). March 8, 2013.
- Eminent Scholars Lecture Series, College of Engineering, University of South Florida (Tampa, FL, USA). March 22, 2013.
- CrySP Speaker Series on Privacy, School of Computer Science, University of Waterloo (Waterloo, Ontario, Canada). April 16, 2013.

- Distinguished Lecture, Department of Computer and Information Science, University of Pennsylvania (Philadelphia, PA, USA). September 24, 2013.
- Keynote address, 6<sup>th</sup> Symposium on Security Analytics and Automation (Washington, DC, USA). October 16, 2013.
- Keynote address, 16<sup>th</sup> Information Security Conference (Dallas, TX, USA). November 13, 2013.
- CyLab Seminar, Carnegie Mellon University (Pittsburgh, PA, USA). October 10, 2014.
- Keynote address, 22<sup>nd</sup> IEEE International Conference on Network Protocols (The Research Triangle, NC, USA). October 22, 2014.
- Distinguished Lecture, Department of Computer Science, University of Calgary (Calgary, Alberta, Canada). November 20, 2014.
- Computer Science Colloquium, Viterbi School of Engineering, University of Southern California (Los Angeles, California, USA). January 20, 2015.
- Department Colloquium, Computer Science Department, Duke University (Durham, NC, USA).
   February 2, 2015.
- Keynote address, Symposium and Bootcamp on the Science of Security, University of Illinois at Urbana-Champaign (Urbana, IL, USA). April 21, 2015.
- Keynote address, 7<sup>th</sup> ACM Cloud Computing Security Workshop (Denver, CO, USA). October 16, 2015.
- Keynote address, 9<sup>th</sup> International Conference on Network and System Security (New York, NY, USA). November 4, 2015.
- Distinguished Lecture, Department of Computer and Information Science and Engineering, University of Florida (Gainesville, FL, USA). November 20, 2015.
- Distinguished Lecture, College of Information and Computer Sciences, University of Massachusetts Amherst (Amherst, MA, USA). December 2, 2015.
- Distinguished Lecture, Computer Science and Engineering Department, University of California

   Riverside (Riverside, CA, USA). January 11, 2016.
- Keynote address, GENI Regional Workshop (Clemson, SC, USA). December 2, 2016.
- Distinguished Lecture, Texas A&M Cybersecurity Distinguished Lecture Series (College Station, TX, USA). December 6, 2016.
- VMware Research Group (Palo Alto, CA, USA). January 12, 2017.
- Distinguished Lecture, Department of Computer Science, University of Illinois at Chicago (Chicago, IL, USA). September 14, 2017.
- CyLab Distinguished Seminar, Carnegie Mellon University (Pittsburgh, PA, USA). November 27, 2017.
- Distinguished Speaker Series, Department of Computer Science, Colorado School of Mines (Denver, CO, USA). January 11, 2018.
- Washington Area Trustworthy Computing Hour (WATCH) seminar, National Science Foundation (Alexandria, VA, USA). January 18, 2018.
- Distinguished Lecture, Northeastern Cybersecurity and Privacy Institute, Northeastern University (Boston, MA, USA). September 18, 2018.
- Distinguished Lecture, Computer Science and Engineering Department, The Ohio State University (Columbus, OH, USA). April 18, 2019.
- Computer Science Laboratory, SRI International (Menlo Park, CA, USA). August 8, 2019.
- Distinguished Lecture, Great Lakes Security Day, Department of Computer Science and Engineering, University of Buffalo (Buffalo, NY, USA). September 6, 2019.
- Qatar Computing Research Institute (Doha, Qatar). March 1, 2020.
- Computer Science Colloquium, Worcester Polytechnic Institute (Worcester, MA, USA).
   September 11, 2020.
- CyLab Seminar, Carnegie Mellon University (Pittsburgh, PA, USA). November 2, 2020.
- IBM Back to School Seminar (Research Triangle Park, NC, USA). November 19, 2020.

- Department colloquium, Department of Electrical Engineering and Computer Science, University of California, Irvine (Irvine, CA, USA). October 1, 2021.
- Cybersecurity Distinguished Lecture, University of Colorado, Colorado Springs (Colorado Springs, CO, USA). November 12, 2021.
- Distinguished Lecture, Department of Electrical and Computer Engineering, University of California at Los Angeles (Los Angeles, CA, USA). March 6, 2023.
- Distinguished Lecture, Resilient Computing and Cybersecurity Center, King Abdullah University of Science and Technology (Thuwal, Saudi Arabia). March 20, 2023.
- Keynote address, 13<sup>th</sup> ACM Conference on Data and Application Security and Privacy (Charlotte, NC, USA). April 24, 2023.
- Keynote address, 30<sup>th</sup> ACM Conference on Computer and Communications Security (Copenhagen, Denmark). November 27, 2023.
- Joint Computer Engineering and Computer Science Seminar, Purdue University (West Lafayette, IN, USA). April 18, 2024.

## **Professional Service**

#### Journal editorships

- ACM Transactions on Information and System Security Associate Editor (January 2000–July 2004) Editor-in-Chief (August 2004–December 2008)
- Communications of the ACM
   Editorial Board member (November 2007–November 2011)
- IEEE Transactions on Software Engineering Associate Editor (2000–2004)
- International Journal on Information Security Associate Editor (2001–2006)
- IEEE Transactions on Dependable and Secure Computing Associate Editor (2004)
- Note: Position resigned in 2005 due to other obligations.

   IEEE Internet Computing

  Guest Editor, special issue on Survivable Distributed Systems (Nov/Dec

# Guest Editor, special issue on Survivable Distributed Systems (Nov/Dec 1999 issue) Guest Editor, special issue on Homeland Security (Nov/Dec 2004 issue)

#### Conference program committees

\* = Program Chair or Co-Chair; \* = Program Subcommittee Chair or Associate Chair

ACM Cloud Computing Security Workshop	2014, 2016*
ACM Conference on Computer and Communications Security (CCS)	1996, 1997, 1998*,
	1999, 2001, 2002,
	2003, 2008, 2011,
	2012, 2013, 2014,
	2019, 2020
ACM Conference on Data and Application Security and Privacy (CODASPY)	2013
ACM Conference on Electronic Commerce	1999, 2003, 2005*
ACM Conference on Principles of Distributed Computing (PODC)	1999, 2002, 2005
ACM SIGCOMM Conference	2008
ACM Symposium on Operating Systems Principles (SOSP)	2017
ACM Symposium on Information, Computer and Communications	2006, 2008, 2012*
Security (ASIACCS)	
CQRE_Secure Networking Conference	1999
Cryptographer's Track, RSA Conference	2001
DARPA Information Survivability Conference and Exposition	2003
European Symposium on Research in Computer Security (ESORICS)	2010, 2021
IEEE Computer Security Foundations (CSF)	1995, 1996, 2000,
	2004
IEEE INFOCOM	2011
IEEE Symposium on Reliable Distributed Systems (SRDS)	2005
IEEE Symposium on Security and Privacy	1994, 1995, 1996,
	1997, 1998, 1999*,
	2000*, 2004, 2005,
	2010, 2011, 2015,
	2016, 2019, 2024

IEEE/IFIP International Conference on Dependable Systems and Networks (DSN)   2008, 2017, 2008, 2019, 2013, 2014*   1999   199	IEEE Workshop on December Charing in Massivaly Distributed Cystems	2002
Networks (DSN)   2009, 2013, 2014*	IEEE Workshop on Resource Sharing in Massively Distributed Systems	2002
IFIP International Working Conference on Dependable Computing for Critical Applications (DCCA)   IFIP Working Conference on Communications and Multimedia Security   1999   Information Hiding Workshop   2001, 2002, 2004*   Information Hiding Workshop   2001, 2002, 2004*   Information Security Conference (ISC)   2003, 2004   Information/System Survivability Workshop   2001   International Conference on Cryptology and Network Security (CANS)   2015*   International Conference on Distributed Computing Systems (ICDCS)   1999, 2001, 2002, 2005*, 2008, 2010   International Conference on Information and Communications Security   2002   International Conference on Principles of Distributed Systems   2005   International Conference on Trust and Trustworthy Computing   2012*   International Symposium on Distributed Computing (DISC)   1999, 2004, 2007   International Workshop on Security   1999   International Workshop on Security and Privacy in Cloud Computing (SPCC)   2003*, 2004*, 2007, 2009, 2010, 2012, 2013, 2016, 2017, 2018, 2019   2018, 2020   2018, 2020   2019, 2021   2018, 2020   2019, 2021   2019, 2021   2015, 2018   2019, 2021   2015, 2018   USENIX Annual Technical Conference   2019, 2021   USENIX Security Symposium (Hot Security (Hot Sec)   2009, 2002, 2009, 2002   USENIX Workshop on Hot Topics in Dependability (Hot Dep)   2012, 2013   2013   Workshop on Privacy Enhancing Tools (PETools)   2008   2008   2009   Workshop on Privacy Enhancing Tools (PETools)   2013   2008   20	· · · · · · · · · · · · · · · · · · ·	
Critical Applications (DCČA)		
IFIP Working Conference on Communications and Multimedia Security Information Hiding Workshop Information Security Conference (ISC) Information/System Survivability Workshop International Conference on Cryptology and Network Security (CANS) International Conference on Distributed Computing Systems (ICDCS) International Conference on Distributed Computing Systems (ICDCS) International Conference on Information and Communications Security International Conference on Principles of Distributed Systems International Conference on Principles of Distributed Systems International Conference on Trust and Trustworthy Computing International Symposium on Distributed Computing (DISC) International Workshop on Electronic Commerce International Workshop on Security and Privacy in Cloud Computing (SPCC) Network and Distributed System Security Symposium (NDSS)  Privacy Enhancing Technologies Symposium (PETS)  Symposium on Usable Privacy and Security (SOUPS)  Symposium on Usable Privacy and Security (SOUPS)  Symposium on Usable Privacy and Security (SOUPS)  USENIX Annual Technical Conference  USENIX Security Symposium  1998, 2002, 2006, 2007, 2015, 2018, 2020  USENIX Workshop on Hot Topics in Dependability (HotDep)  USENIX Workshop on Hot Topics in Security (HotSec)  Workshop on Intrusion Tolerant Systems  2002  Workshop on Secure Network Protocols		1999
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International Conference on Information and Communications Security   2002     International Conference on Principles of Distributed Systems   2005     International Conference on Trust and Trustworthy Computing   2012*     International Symposium on Distributed Computing (DISC)   1999, 2004, 2007     International Workshop on Electronic Commerce   2001     International Workshop on Security   1999     International Workshop on Security and Privacy in Cloud Computing (SPCC)   2010     Network and Distributed System Security Symposium (NDSS)   2003*, 2004*, 2007, 2009, 2010, 2012, 2013, 2016, 2017, 2018, 2019     Privacy Enhancing Technologies Symposium (PETS)   2006, 2007, 2015, 2018, 2020     Symposium on Usable Privacy and Security (SOUPS)   2012, 2013, 2014, 2015, 2018     USENIX Annual Technical Conference   2019, 2021     USENIX Security Symposium   1998, 2002, 2006, 2008, 2009, 2022     USENIX Workshop on Hot Topics in Dependability (HotDep)   2012, 2013     USENIX Workshop on Intrusion Tolerant Systems   2002     Workshop on Privacy Enhancing Tools (PETools)   2013     Workshop on Secure Network Protocols   2008	International Conference on Cryptology and Network Security (CANS)	2015*
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#### Other conference service

- Publicity Chair, 4th ACM Conference on Computer and Communications Security (1997)
- Vice Chair, 1997 IEEE Symposium on Security and Privacy
  General Chair, 1998 IEEE Symposium on Security and Privacy

- General Chair, 8<sup>th</sup> ACM Conference on Computer and Communications Security (2001)
- Steering Committee, ACM Conference on Computer and Communications Security (1999–2002)
- Steering Committee, ACM Symposium on Information, Computer and Communications Security (2010–2013)
- Steering Committee, IEEE/IFIP International Conference on Dependable Systems and Networks (2011–2014)
- Steering Committee, Symposium on Usable Security and Privacy (2018–present)
- Steering Committee, IEEE Symposium on Security and Privacy (2021–present)
- Chair, Test-of-Time Award Committee, 31<sup>st</sup> ISOC Network and Distributed System Security Symposium (2024)
- Steering Committee, ISOC Network and Distributed System Security Symposium (2024–present)

#### IEEE Technical Committee on Security and Privacy

- Chair, Subcommittee on Conferences (1998)
- Vice Chair (2000–2001)
- Chair (2002-2003)

#### **External Advisory Committees**

- Board of Visitors, Software Engineering Institute, Carnegie Mellon University (July 2003-August 2009)
- Board of Visitors, Army Research Laboratory Army Research Office Computing Sciences Division Review (May 5–6, 2010)
- Information Security M.S. program of the College of Computing, Georgia Institute of Technology (April 2014)
- Cyber Security Group, Qatar Computing Research Institute (March 2020)
- Department of Computer Science, Swiss Federal Institute of Technology in Zürich (October 2022)

#### The Morehead-Cain Scholars Program

- Central Selection Committee (2009, 2011–14)
- Alumni Reader (2010)

#### U.S. Government service

- INFOSEC Science and Technology Study Group of the INFOSEC Research Council (1997–98)
- DARPA Study Panel on Self-Healing Systems (2001–02)
- Chair, DARPA Workshop on Self-Regenerative Systems (October 2002)
- Chair, National Science Foundation Principal Investigator Meeting (August 2004)
- Organizing Committee, National Science Foundation Study on Grand Challenges in Distributed Computing (July-September 2005)
- NSF Global Environment for Network Innovations (GENI)
  - o Distributed Services Working Group (December 2005 May 2007)
  - o Planning Group (March 2006 May 2007)
- IARPA NICIAR Study on Safely Taking on New Executable Stuff of Uncertain Provenance (May 2008 – August 2008)
- Board of Visitors, Army Research Laboratory Army Research Office Computing Sciences Division Review (May 5–6, 2010)
- Department of Commerce Emerging Technology and Research Advisory Committee (September 2008 – September 2012)
- Steering Committee, NSF Cyberspace 2025 Workshop (November 2013 April 2014)

•	Co-organizer, NSF	Secure and	Trustworthy	Computing	(SaTC) Princ	cipal Investio	ator meeting
	Co-organizer, NSF (June 1-2, 2022)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		()	- p	,g

## Scientific Publications

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- [2] M. Blaze, J. Lacy, T. London, and M. Reiter. **Issues and mechanisms for trustworthy systems: Creating transparent mistrust**. *AT&T Technical Journal* 73(5):30–39, September 1994.
- [3] M. K. Reiter, K. P. Birman, and R. van Renesse. <u>A security architecture for fault-tolerant</u> systems. *ACM Transactions on Computer Systems* 12(4):340–371, November 1994.
- [4] M. K. Reiter and L. Gong. <u>Securing causal relationships in distributed systems</u>. *The Computer Journal* 38(8):633–642, Oxford University Press, 1995.
- [5] M. K. Reiter. A secure group membership protocol. *IEEE Transactions on Software Engineering* 22(1):31–42, January 1996.
- [6] M. K. Franklin and M. K. Reiter. <u>The design and implementation of a secure auction service</u>. *IEEE Transactions on Software Engineering* 22(5):302–312, May 1996.
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- [10] M. K. Reiter and A. D. Rubin. <u>Crowds: Anonymity for web transactions</u>. *ACM Transactions on Information and System Security* 1(1):66–92, November 1998.
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- [12] V. Anupam, A. Mayer, K. Nissim, B. Pinkas, and M. K. Reiter. On the security of pay-per-click and other web advertising schemes. Computer Networks 31:1091–1100, 1999.
- [13] M. K. Reiter and S. G. Stubblebine. <u>Authentication metric analysis and design</u>. *ACM Transactions on Information and System Security* 2(2):138–158, May 1999.
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- [16] D. Malkhi and M. K. Reiter. Secure execution of Java applets using a remote playground. *IEEE Transactions on Software Engineering* 26(12):1197–1209, December 2000.
- [17] R. De Prisco, D. Malkhi, and M. K. Reiter. On k-set consensus problems in asynchronous systems. IEEE Transactions on Parallel and Distributed Systems 12(1):7–21, January 2001.
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