

Paarijaat Aditya

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■ Education

- Aug 2009– **Ph.D. in Computer Science**, Max Planck Institute for Software Systems, Saarbruecken, Germany
Dec 2018 Thesis: Towards Privacy-Compliant Mobile Computing [↗](#)
Advisor: Prof. Dr. Peter Druschel, Grade: *Summa Cum Laude*
- 2002–2006 **B.E. in Computer Science**, Delhi College of Engineering, New Delhi, India

■ Work Experience

- Oct 2017–Now **Research Scientist**, Nokia Bell Labs, Stuttgart, Germany
- 2009–Oct 2017 **Ph.D. Researcher**, Max Planck Institute for Software Systems, Saarbruecken, Germany
- 2006–2009 **Member of Technical Staff**, Adobe Systems India Pvt. Ltd, India

■ Publication List

- 2019 Will Serverless Computing Revolutionize NFV? (*Accepted*)
Paarijaat Aditya, Istemi Ekin Akkus, Andre Beck, Ruichuan Chen, Volker Hilt, Ivica Rimac, Klaus Satzke, Manuel Stein. Special Issue of The Proceedings of The IEEE on Adaptive and Scalable Communications.
- 2018 SAND: Towards High-Performance Serverless Computing [↗](#)
Istemi Ekin Akkus, Ruichuan Chen, Ivica Rimac, Manuel Stein, Klaus Satzke, Andre Beck, Paarijaat Aditya, Volker Hilt. 2018 USENIX Annual Technical Conference (Usenix ATC 2018).
- 2018 Foto ohne Gesicht (Photo without Face) [↗](#)
I-Pic covered in Max Planck Society's Forschung Magazine (MaxPlanckForschung Heft 3/2018) [↗](#)
- 2016 I-Pic: A Platform for Privacy-Compliant Image Capture [↗](#)
Paarijaat Aditya, Rijurekha Sen, Seong Joon Oh, Rodrigo Benenson, Bobby Bhattacharjee, Peter Druschel, Tongtong Wu, Mario Fritz, Bernt Schiele. 14th International Conference on Mobile Systems, Applications, and Services (MobiSys 2016).
- 2014 EnCore: Private, Context-based Communication for Mobile Social Apps [↗](#)
Paarijaat Aditya, Viktor Erdélyi, Matthew Lentz, Elain Shi, Bobby Bhattacharjee, Peter Druschel. 12th International Conference on Mobile Systems, Applications, and Services (MobiSys 2014).
- 2014 SDDR: Light-Weight, Secure Mobile Encounters [↗](#)
Matthew Lentz, Viktor Erdélyi, Paarijaat Aditya, Elaine Shi, Peter Druschel, Bobby Bhattacharjee. 23rd USENIX Security Symposium (Usenix Security 2014).
- 2014 Brave New World: Privacy Risks for Mobile Users [↗](#)
Paarijaat Aditya, Viktor Erdélyi, Matthew Lentz, Elain Shi, Peter Druschel, Bobby Bhattacharjee. Workshop on Security and Privacy Aspects of Mobile Environments (SPME 2014).
- 2014 Brave New World: Privacy Risks for Mobile Users [↗](#)
Paarijaat Aditya, Viktor Erdélyi, Matthew Lentz, Elain Shi, Peter Druschel, Bobby Bhattacharjee. ACM SIGMOBILE Mobile Computing and Communications Review, Volume 18, Number 3 (M2CR 2014).
- 2013 Peer-Assisted Content Distribution in Akamai NetSession [↗](#)
Mingchen Zhao, Paarijaat Aditya, Ang Chen, Yin Lin, Andreas Haeberlen, Peter Druschel, Bruce Maggs, Bill Wishon, Miroslav Ponec. 13th ACM SIGCOMM Conference on Internet Measurement (IMC 2013).
- 2012 Reliable Client Accounting for Hybrid Content-Distribution Networks [↗](#)
Paarijaat Aditya, Mingchen Zhao, Yin Lin, Andreas Haeberlen, Peter Druschel, Bruce Maggs, Bill Wishon. 9th USENIX Symposium on Networked Systems Design and Implementation (NSDI 2012).
- 2010 Accountable Virtual Machines [↗](#)
Andreas Haeberlen, Paarijaat Aditya, Rodrigo Rodrigues, Peter Druschel. 9th USENIX Symposium on Operating Systems Design and Implementation (OSDI 2010).

■ Technical skills

C, C++, Java, Matlab, Android Development, Caffe, TensorFlow, scikit-learn, Python, Ansible, Shell Scripting, Docker, Docker-compose, HTML, JavaScript, MySQL, SQLite, Git, Erlang, Rust

■ Extra Curricular

Research Community Contributions

- Technical Program Committee member for Graduate Forum COMSNETS 2019
- Reviewer for IEEE/ACM Transactions on Networking, Oct 2016
- External reviewer for COMSNET 2016
- Technical Program Committee member for ACM S3 2015 Workshop

Talks and Presentations

- MobiSys 2016, I-Pic: A Platform for Privacy-Compliant Image Capture
- MobiSys 2014, EnCore: Private, Context-based Communication for Mobile Social Apps
- NSDI 2012, Reliable Client Accounting for Hybrid Content-Distribution Networks

Teaching Experience

Teaching Assistant, *Distributed Systems*, 2010, Saarland University, Germany

■ Personal Information

- Spoken languages: English (fluent), Hindi (native speaker), German (beginner, A1)
- Born: Feb 2nd 1983
- Place: New Delhi, India

■ References

- Peter Druschel, Scientific Director, Max Planck Institute for Software Systems, Germany
druschel@mpi-sws.org | www.mpi-sws.org/~druschel
- Andreas Haeberlen, Associate Professor, University of Pennsylvania, Philadelphia, USA
ahae@cis.upenn.edu | www.cis.upenn.edu/~ahae