Welcome to IEEE SecDev 2016!

cybersecurity.ieee.org

General Chair: Rob Cunningham, MIT Lincoln Laboratory
Vice Chair: Summer Fowler, CMU CERT
Program Chair: Michael Hicks, University of Maryland
Tutorial Chair: Stelios Sidiroglou-Douskos, MIT

Opening Announcements
Thank you to our Supporters!

In cooperation with the International Association for Cryptologic Research

These organizations helped us reach you and many others, thank them!
Thank you to our Donors!

Student travel support

Software Engineering Institute
Carnegie Mellon University
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NORTHROP GRUMMAN

VERACODE
SECURING THE SOFTWARE THAT POWERS YOUR WORLD.

UMIACS
University of Maryland Institute for Advanced Computer Studies

Please thank one of them today!
IEEE Cybersecurity Initiative: Improve Security and Privacy

“Developers are overly-focused on testing and scanning for known vulnerabilities in software [...], and under-focused on poor software development practices…” Steve Morgan, Forbes Magazine, Oct 2015

It’s Time to Build Security In!
# Cybersecurity Development Conference in Context

<table>
<thead>
<tr>
<th>CSF</th>
<th>Security and Privacy</th>
<th>IEEE SecDev</th>
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<tbody>
<tr>
<td>Foundational Papers, Talks, and Panels</td>
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Registration History – As of 31 Oct

- IEEE Professional Member: 40
- Professional Non-Member: 37
- IEE Student Member: 13
- Student Non-Member: 13
- Students Free Tutorial ONLY: 58

Total Registered:
- Week 10: 3
- Week 9: 6
- Week 8: 11
- Week 7: 17
- Week 6: 33
- Week 5: 74
- Week 4: 86
- Week 3: 104
- Week 2: 138
- Week 1: 145
- Week 0: 161
Getting around the hotel
## AGENDA: The Big Picture

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<th>Thursday</th>
<th>Friday</th>
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<td><strong>9AM Introduction and Invited Speakers</strong></td>
<td><strong>9A Security Enforcement Techniques</strong></td>
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<td><strong>12PM Lunch</strong></td>
<td><strong>12:30PM Lunch</strong></td>
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<tr>
<td><strong>1PM Towards More Secure Systems</strong></td>
<td><strong>1:30PM Tutorials I</strong></td>
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<tr>
<td><strong>3PM Exploring Secure Design</strong></td>
<td><strong>3:30PM Tutorials II</strong></td>
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<td><strong>5PM Lightning Talks</strong></td>
<td><strong>5PM Adjourn</strong></td>
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<td><strong>6PM Reception</strong></td>
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**5 TRACKS**
Adventures in Usable Privacy and Security: From Empirical Studies to Public Policy

Lorrie Faith Cranor

US Federal Trade Commission's Chief Technologist

Professor, Carnegie Mellon University
How to Think about Cryptography: Common Crypto Flaws and How to Avoid Them

Jonathan Katz

Director, Maryland Cybersecurity Center

Professor, University of Maryland
Developing Automated Analysis Tools for Space/Time Sidechannel Detection

Jeremy Epstein
DARPA, Information Innovation Office Program Manager
Thank you for coming to IEEE SecDev 2016!

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Closing Announcements
SecDev 2016 Awards

Rob Cunningham  
General Chair

Michael Hicks  
Program Chair

Stelios Sidiroglou-Douskos  
Tutorial Chair
Annual Cyber Security Awards

Nominations start: 1 January 2017
Awards made: SecDev 2017

Award funded by the MITRE Corporation

Details available at cybersecurity.ieee.org
SecDev 2017 Plans

Summer Fowler  
General Chair

Michael Ernst  
Program Chair

Boston Area  
2 ½ Days

Last week of September/First of October 2017