

2018 Cyber and Information Security Research Conference (CISRC18)

<https://cisrc18.ornl.gov/>

3-5 April 2018

Oak Ridge National Laboratory, Oak Ridge, Tennessee, USA

Cyberspace is fundamental to our national prosperity, as it is critical to commerce, research, education, and government. Realizing the benefits of this shared environment requires that we are able to properly balance the risks and rewards, understand and communicate threats to security and privacy, and rapidly adapt any resulting approach to a changing adversarial environment.

The 13th annual Cyber and Information Security Conference (CISRC) at Oak Ridge National Laboratory in Oak Ridge, Tennessee, will bring together cyber security researchers from academia, industry, and the national laboratories with program managers, security vendors, and practitioners to discuss the many challenges and to propose novel solutions pertaining to cyber security.

Research Themes

Research papers describing novel contributions in any area of cyber and information security are solicited. Papers may present techniques, applications, practical experience, theory, analysis, or experiments and evaluations. We encourage the submission of papers on technologies and methods that promise to improve cyber security practices, including, but not limited to, the following areas:

- Cloud Security
- Quantifying Risk
- Operational / End-User Implications
- Fusion of Heterogeneous Data
- Trend Analysis & Discovery
- Malware Analysis
- Trust Negotiations
- Policy
- Data Protection
- Authentication
- Encryption
- Software Assurance
- Malware Analysis
- Hardware Assurance
- Reverse Engineering
- Anomaly & Intrusion Detection
- Machine Learning
- Information Extraction
- Mathematical Techniques
- Human Factors
- Visualization
- Modeling Adversaries
- Moving Target Defense
- SCADA Systems
- Control Theory
- Connected and Autonomous Vehicles

Submissions

Submissions may be *full* or *short* papers, or an abstract for a *poster*.

- *Full* paper submissions should present original cyber security research. Papers should be at most 8 pages, excluding references and acknowledgments.
- *Short* paper submissions may showcase late-breaking results, works in progress, or preliminary results. Short papers may be up to 4 pages in length, excluding references and acknowledgments.
- *Poster abstracts* are limited to 2 pages, total. Posters should showcase early-stage investigations or recent results.

Submissions not meeting these guidelines will be rejected without consideration of their merit. Submitted papers must not substantially overlap papers that have been published or that are simultaneously submitted to a journal or a conference with proceedings.

All full and short papers will be peer-reviewed in a double-blind review process. All accepted papers will be archived in the ACM International Conference Proceedings Series, and will be published by the ACM International Conference Proceedings Series.

Poster abstracts will be reviewed by the Poster Session Chair for inclusion. Posters and their abstracts are *not* archived in the ACM digital library, but will be made available through the conference web site.

Anonymous Submissions

All papers must be appropriately written for anonymous review. No author names or affiliations should appear and should avoid revealing their identity in the text. Self-reference should be in the third-person, or redacted if that is not feasible. Latex users, use

Submission Instructions

Authors should use the ACM Master Article Template; please use the sigconf format:

<http://www.acm.org/publications/proceedings-template> .

To accommodate double-blind review, LaTeX users, should use

```
\documentclass[sigconf,anonymous]{acmart}
```

for initial submission.

Authors of accepted papers must guarantee that their papers will be presented at the conference.

Submit papers and poster abstracts using EasyChair. Visit

<https://easychair.org/conferences/?conf=cisrc18>.

Important Dates

All deadlines are 23:59:59 EST

Submission Deadline (Full Papers)	Sunday, 3 December 2017
Notification of Acceptance (Full Papers)	Friday, 12 January 2018
Submission Deadline (Short Papers / Poster Abstracts)	Sunday, 4 February 2018
Notification of Acceptance (Short Papers / Poster Abstracts)	Friday, 23 February 2018
Early Registration Deadline	Sunday, 4 March 2018
Registration Deadline	Friday, 16 March 2018

Note: Registration deadline is **firm** due to access controls for the national laboratory.

Registration

Full submission and registration information can be found at:

<https://cisrc18.ornl.gov/>