IEEE Computer Society's Technical Committee on Security and Privacy (TCSP)

2020 TCSP Business Meeting

May 20, 2020

Cyberspace, The Interwebs, The World
Agenda

• Oakland finances
• TCSP Status Report for 2020 (and 2021)
• Service Awards
• Creation of TCSP Online-services Staff
• Creation of an “Oakland” Steering Committee
• Going virtual!
• Currently serving TCSP officers
  – 2020-2021 Chair:
    Úlfar Erlingsson, Apple
  – 2020-2021 Vice Chair and 2022–2023 Chair-elect:
    Bryan Parno, CMU
  – TCSP Treasurer:
    Yong Guan, Iowa State University
IEEE TCSP

- Additional TCSP Volunteers

Cipher Newsletter Editor
  Hilarie Orman, Purple Streak, Inc.

TCSP Webmasters / Postmasters:
  Bogdan Copos, Google
  Ulf Lindqvist, SRI International

TCSP Awards Chair
  EJ Jung, University of San Francisco
TCSP Status Report

• TCSP: More than 2,373 members
  – Anyone can join:
  – http://computer.org/jointcsp

• Financial Co-Sponsorship:
  – S&P
  – CSF
  – Euro S&P (since 2016)
  – SecDev (since 2018)
  – HOST (50%, since 2018)
## TCSP Status Report contd.
Reports will be available at: http://www.ieee-security.org/TC/Reports.html

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
<th>Location</th>
<th>Attendees</th>
<th>Submissions</th>
<th>Accepted</th>
</tr>
</thead>
<tbody>
<tr>
<td>S&amp;P 2020</td>
<td>May 18-20, 2020</td>
<td>Online</td>
<td>1963</td>
<td>841</td>
<td>104</td>
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<tr>
<td>SPW 2020</td>
<td>May 21, 2020</td>
<td>Online</td>
<td>1963</td>
<td>—</td>
<td>—</td>
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<tr>
<td>S&amp;P 2019</td>
<td>May 20-22, 2019</td>
<td>San Francisco, CA, USA</td>
<td>683</td>
<td>679</td>
<td>84</td>
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<tr>
<td>SPW 2019</td>
<td>May 23, 2019</td>
<td>San Francisco, CA, USA</td>
<td>258</td>
<td>11 workshops</td>
<td>5 workshops</td>
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<tr>
<td>Euro S&amp;P 2020</td>
<td>Sept. 7 - 11, 2020</td>
<td>Genova, Italy</td>
<td>—</td>
<td>42</td>
<td>210</td>
</tr>
<tr>
<td>CSF 2020</td>
<td>June 22 - 26, 2020</td>
<td>Online</td>
<td>—</td>
<td>—</td>
<td>—</td>
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<tr>
<td>SecDev 2020</td>
<td>Sept. 28 - 30, 2020</td>
<td>Atlanta, GA, USA</td>
<td>—</td>
<td>—</td>
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<tr>
<td>SecDev 2019</td>
<td>Sept. 25 - 27, 2019</td>
<td>McLean, VA, USA</td>
<td>—</td>
<td>—</td>
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<tr>
<td>HOST 2020</td>
<td>Dec. 6 - 9, 2020</td>
<td>San Jose, CA, USA</td>
<td>280+</td>
<td>89</td>
<td>25</td>
</tr>
<tr>
<td>HOST 2019</td>
<td>May 6 - 10, 2019</td>
<td>McLean, VA, USA</td>
<td>280+</td>
<td>89</td>
<td>25</td>
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• Financials
  – $32k budget approved
  – Planned to go back to the conferences
    ▪ Financial support of TC operations and Awards ($6k)
      – Operations: Web hosting, meetings rooms, etc ($2k)
      – Test-of-time and other Awards ($4k)
    ▪ Engaging Students ($25k)
      – Financial support of student travel ($17k)
      – Financial support of S&P student PC & speed mentoring ($8k)
IEEE S&P "Test of Time Awards"

- Established IEEE S&P "Test of Time Awards"
  - Committee established rules
    Stefan Savage, Chair
    Úlfar Erlingsson
    Bryan Parno
    Mike Reiter
  - Previous "catch-up round"
    1980-1994 Committee:
    Cathy Meadows, Co-Chair
    Steven B. Lipner, Co-Chair
    Terry Benzel
    Carl E. Landwehr
    Teresa Lunt
    John McHugh
    Peter G. Neumann

- Final "catch-up round"
  1995-2006 Committee:
  David Evans, Chair
  Joan Feigenbaum
  Virgil Gligor
  Steve Lipner
  Peter Neumann
  Cristina Nita-Rotaru

- Regular round
  2008-2010 Committee:
  Avi Rubin, Chair
  David Wagner
  Paul Van Oorschot
  Somesh Jha
  Cathy Meadows
• Oakland seems firmly a multi-track conference now
In survey ~69% as 1st choice; ~85% as #1 or #2
  – Have 3 tracks in the current online form
    Hard to say what “tracks” may mean in the future
• Submission process continues to evolve
  – Moving to quarterly submissions
    March 5, June 4, Sept. 3, Dec. 3
Symposium Updates for 2021

• S&P 2021 General Chair:
  Alvaro Cardenas, UC Santa Cruz

• S&P 2021 Vice Chair:
  Rakesh Bobba, Oregon State

• S&P 2021 Program Chairs:
  Alina Oprea, Northeastern University
  Thorsten Holz, Ruhr-University Bochum
Awards
TCSP Recognition for Outstanding Community Service

- Gabriela Ciocarlie  
  SP 2020 GC and SP 2019 vice chair

- Sean Peisert  
  TC Chair 2018-2020, TC Vice Chair 2016-2018

- Hovav Shacham  
  SP 2020 Sr PC Chair and SP 2019 Jr PC Chair
TCSP Recognition for Outstanding Community Service

• Dave Evans
  Chair, IEEE Symposium on Security and Privacy Test of Time Awards Committee for 1995-2006

• Avi Rubin and David Wagner
  Chairs, IEEE Symposium on Security and Privacy Test of Time Awards Committee Chair
Creation of TCSP Online-services Staff
Many TCSP conferences have ongoing submissions and would benefit from shared TCSP-run infrastructure (instead of volunteer servers/time)

Web presence needs updating, as do email and web servers

Membership rosters of General TCSP members need more maintenance and members could be better served with online options (e.g., iCalendar for events, etc).

YouTube channel and other archives need reworking & maintenance

Going virtual will greatly benefit from “institutional memory”
Possibility of hiring staff

Likely enough surplus funds to hire part-time staff
- At least for this coming year
- Need may be greatest as we’re going online

Volunteers are great, but hard to find and sustain

Hope to get approval to do this (please vote now)
Establishing an Oakland Steering Committee
IEEE S&P doesn’t have an SC

Compare to:

- NDSS: 14 members
- USENIX: 12 members
- CCS: 6 members
- CSF: 13+ members

TCSP has created ad hoc committees for many tasks
- To give guidance
- To select incoming junior PC chairs
Oversight of submission process

From Submissions to the Program

- 841 Submissions
- 41 Accept
- 12 Revised and Accepted (from 2019)
- 51 Accept
- 86 Revise
- 24 Revise for 2021
- 11 Reject
- 714 Reject
- 104 papers (12.3%)
- 82.25% revision acceptance rate
Time for an Oakland steering cmtte

Need is great, especially due to “going virtual”

Will recruit approx 7 volunteers from usual suspects

- Existing set of “ad hoc” steering committee members: former PC chairs and former TC chairs
- From past General Chairs and senior members of the community

Hope to get approval to do this (please vote now)
Going Virtual!
Registration chair report
Unclear how “online” will work

Entire CS and scientific community is in new waters

Both a crisis and an opportunity
- Already learning (e.g., see here and see ACM report)

Need to continue to learn and plan for next year
- It’s not business as usual (e.g., re contracts etc.)

What should Oakland be like in the future?
Online should help us be global

USA still dominates attendance
A bright future (with shades)

Unclear what “Oakland” will be in the future
- Nothing new: Oakland isn’t even in Oakland now

Huge and growing community and interest

Empowering the steering committee will enable us to find the best path for the future
- Revisiting the form of the conference as needed
Thanks everybody