CSCML 2020  
Fourth International Symposium on Cyber Security, Cryptology, and Machine Learning  
July 2-3, 2020, Beer-Sheva, Israel

http://www.cs.bgu.ac.il/~fradmin/cscml20

Dates:  Submission deadline February 14, 2020;  Acceptance notification March 20, 2020; Camera-ready copy due March 31, 2020

Partial List Academic Research Track PC

Adi Akavia  University of Haifa, Israel  
Gilad Asharov  Bar Ilan University, Israel  
Manuel Barbosa  University of Porto, Portugal  
Christina Boura  Versailles Saint-Quentin-en-Yvelines University, France

Carl Blundo  University of Salerno, Italy  
Ashish Choudhury  IIT Bangalore, India  
Camil Demetrescu  Sapienza University, Italy  
Ort Dunkelman  Ben Gurion University, Israel  
Marc Fischlin  TU Darmstadt, Germany  
Dror Fried  The Open University, Israel

Benjamin Fuller  University of Connecticut, USA  
Shay Gueron  University of Haifa and AWS, Israel  
Ofir Hadar  Ben Gurion University, Israel  
David Heath  Georgia Tech, USA  
Vladimir Kolesnikov  PC Co-Chair; Georgia Tech, USA  
Ben Keule  Google, USA  
Miroslaw Kutyłowski  Wroclaw University of Technology, Poland

Mark Last  Ben Gurion University, Israel  
Riccardo Laazeretti  Sapienza University, Italy  
Daniel Mausy  VDA Research, USA  
Svetla Nikolova  KU Leuven, Belgium  
Ryo Nishimaki  NTT, Japan

Ariel Nof  Bar-Ilan University, Israel  
Giuseppe Persiano  University of Salerno, Italy  
Thomas Peyrin  Nanyang Technological University, Singapore

Antigoni Polychroniadou  JP Morgan AI Research, USA  
Alessandra Scaffo  NC State University, USA  
Berry Schoenmakers  Eindhoven University of Technology, Holland  
Gil Segev  Hebrew University, Israel  
Sandeep Shukla  IIT Kanpur, India  
Anatoly Shusterman  Ben Gurion University, Israel

David Starobinski  Boston University, USA  
Ni Trieu  Oregon State University, USA  
Doug Tygar  UC Berkeley, USA  
Daniel Venturi  Sapienza University of Rome, Italy  
Gera Weiss  PC Co-Chair; Ben-Gurion University, Israel  
Ruoyu Wang  Arizona State University, USA  
Avishek Yanay  Bar-Ilan University, Israel

Stefano Zanero  Politecnico di Milano University, Italy  
Vassilis Zikas  University of Edinburgh, Britain

Partial List Entrepreneurship Track PC

Dan Araz  Keiritsu Forum Israel, Chapter, Israel  
Gil Araz  FinFIV, Israel  
Avi Arnon  Citi Ventures, Israel  
Ran Bar-Sella  Elbit Systems, Israel  
Gilad Barzilay  Ford Research Center, Israel  
Shlomi Dolev  BGU-NHSA and SDO, Israel  
Gili Elkin  Israel-Colorado Innovation Fund, Israel  
Ben Gilad  Tata Consultancy Services, Israel  
Tal Gilor  Labe2, Israel  
Nimrod Gindi  Mellanox, Israel

Roman Gold  JSCapital, Israel  
Ittai Harel  Pitango Venture Capital, Israel  
Pav C, Israel  
Rafael Maman  Gilol Capital Partners, Israel  
Izik Mizrachi  Gilead Ventures, Israel  
Yossi Moran  Red Dot Capital, Israel  
Atad Peled  JVP Cyber Labs, Israel

Gadi Porat  Permira and Land Expant, Israel  
Michael Rodeh  Eiron Ltd, Israel  
Zohar Rozenberg  Salto, Israel  
Benny Schneider  TeamS, Israel

Elad Shemesh  TGT, Israel  
Javier Shocron  Maverick Ventures, Israel  
Doron Ariel Shpasser  E.O.N, Israel  
Gil Solomon  Gil Solomon CO, Israel  
Gadi Tirosh  JVP, Israel  
Yaron Wolfsthal  IBM, Israel  
Guy Zbarsky  AlarICapital, Israel

Chairs and Conference Committee:  Vladimir Kolesnikov, PC Co-Chair; Georgia Tech, USA; Gera Weiss, PC Co-Chair; Ben-Gurion Univ., Israel; Simcha Mahler, Org. Chair Ben-Gurion Univ., Israel

Steering Committee:  Omyra Berry DELLEM, Israel; Shlomi Dolev, Chair Ben-Gurion Univ., Israel; Yuval Elovici Ben-Gurion Univ., Israel; Bezael Govish Southern Methodist Univ, USA; Ehud Gudes Ben-Gurion Univ., Israel; Jonathan Katz Univ, of Maryland, USA; Rafail Ostrovsky UCLA, USA; Jeffrey D. Ullman Stanford Univ., USA; Kalyan Veeramachaneni MIT, USA; Yaron Wolfsthal IBM, Israel; Moti Yung Columbia Univ. & Google, USA

Scope: Original contributions to the theory, design, analysis, implementation, or application of cyber security, cryptography and machine learning systems and networks. In particular, conceptually innovative results are solicited.  
Topics of interest include, but are not limited to:  
• Cryptology Cryptographic implementation analysis and construction, Secure multi-party computation, Privacy-enhancing technologies and anonymity, Post-quantum cryptography and security.  
• Machine Learning & Big Data Anomaly detection and malware identification, Business Intelligence and Security, Digital forensics, Digital rights management, Trust management and reputation systems, Information retrieval, Risk analysis, DoS  
Conference presentations will have two formats (you can find more information about the formats from last years event by clicking on the following link: https://www.cs.bgu.ac.il/~fradmin/cscml20/submission.html):  
1. Regular presentations of 15-25 minutes accompanied by papers of up to 15 pages in the proceedings. This form is intended for contributions reporting on original research, submitted exclusively to this conference.  
2. Brief Announcements of 5 minutes accompanied by papers of up to 4 pages in the proceedings. Such submissions may describe work in progress or work presented elsewhere. The title of a brief announcement must begin with “Brief Announcement:”.  
3. Entrepreneurship pitch of 5 to 10 minutes accompanied by six page abstracts/pitch presentation. (See also: https://www.cs.bgu.ac.il/~frankel/TechnicalReports/2019-19-01.pdf)

Submission. Papers are to be submitted electronically, following the guidelines available on the conference web page.  
Each submission must be in English, in PDF format, and begin with a cover page including:  (1) the title, (2) the names and affiliations of all authors, (3) contact author’s email, address and telephone number, (4) a brief, one paragraph abstract of the paper, (5) indication whether the paper is a regular submission, or an entrepreneurship pitch submission (the authors of the entrepreneurship pitch track please note that the submissions will not be NDA protected).  
A regular submission must not exceed 15 (LNCS formatted) single-column pages (excluding cover page and references). Additional necessary details may be included in a clearly marked appendix that will be read at the discretion of the program committee. An entrepreneurship pitch submission must not exceed 6 single-column pages. All submissions must use LNCS format. Any submission deviating from these guidelines may be rejected without consideration of its merit.  
It is recommended that a regular submission begin with a succinct statement of the problem or the issue being addressed, a summary of the main results or conclusions, a brief explanation of their significance, a brief statement of the key ideas, and a comparison with related work, all tailored to a non-specialist. Technical development of the work, directed to the specialist, should follow. Papers outside of the conference scope will be rejected without review. If requested by the authors on the cover page, a regular submission can also be considered for the entrepreneurship track.

Additional Planned Events. PhD Track and “Capture the Flag” Hackathon are planned to take place at CSCML 2020.  
Publication. Regular papers will be included in the Springer LNCS conference proceedings. Extended and revised versions of selected papers will be considered for a special issue of the journal Information and Computation.