Third International Symposium on Cyber Security, Cryptology, and Machine Learning
June 27-28, 2019, Beer-Sheva, Israel

http://www.cs.bgu.ac.il/~fadmin/cscml19

General Chairs and Conference Committee: Shlomi Dolev, Co-Chair Ben-Gurion Univ., Israel; Sachin Lodha, Co-Chair TCS, India; Timi Budai, Org. Co-Chair Ben-Gurion Univ., Israel; Simcha Mahler, Org. Co-Chair Ben-Gurion Univ., Israel

Steering Committee: Oma Berry DELLMEC, Israel; Shlomi Dolev, Chair Ben-Gurion Univ., Israel; Yuval Elovici Ben-Gurion Univ., Israel; Bezalel Gavish Southern Methodist Univ., USA; Ehud Gudes Ben-Gurion Univ., Israel; Jonathan Katz Univ. of Maryland, USA; Rafael 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, and, in particular, of conceptually innovative results are solicited. Topics of interest include, but are not limited to:

- Cryptography Cryptographic implementation analysis and construction, Secure multi-party computation, Privacy-enhancing technologies and anonymity, Post-quantum cryptography and security.

Conference presentations will have three 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/~fadmin/cscml18/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/2018/18-04.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 will 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 pitch track.

Additional Planned Events. PhD Track and “Capture the Flag Hackathon are planned to take place at CSCML 2019.

Publication. Regular papers will be included in the Springer LNCS conference proceedings. versions of selected papers will be considered for a special issue of the journal Information and Computation.

Dates: Submission deadline February 14, 2019; Acceptance notification March 20, 2019; Camera-ready copy due March 31, 2019

Partial List Academic Research Track PC

Ittai Abraham VMware, Israel
Adi Akavia Univ. of Haifa, Israel
Amir Averbuch Tel-Aviv Univ., Israel
Silvia Bonomi Sapienza Univ. of Rome, Italy
Anat Bremler-Barr IDC Herzliya, Israel
Emilio Coppa Sapienza Univ. of Rome, Italy
Antonella Del Pozzo CEA List, France
Itai Dinur Ben-Gurion Univ, Israel
Orr Dunkelman Univ. of Haifa, Israel
Karim Eldemrawy SRI International, USA
Bezalel Gavish Southern Methodist Univ., USA
Niv Gilboa Ben-Gurion Univ., Israel
Ehud Gudes Ben-Gurion Univ., Israel
Shay Gueron Univ. of Haifa, Israel & AWS, USA
Danny Hendler, Co-Chair Ben-Gurion Univ., Israel
Stratis Ioannidis Northeastern Univ., USA
Gene Itikis MIT Lincoln Laboratory, USA
Bhavana Kanukurthi IISc, India
Ben Kreuter Google, USA
Mark Last Ben-Gurion Univ., Israel
Ximing Li South China Agricultural Univ., China
Yin Li Xinyang Normal Univ., China
Awi Mendelson Technion, Israel
Aikaterini Mitrokosta Chalmers Univ. of Tech., Sweden
Kobbi Nissim Georgetown Univ., USA & BGU, Israel
Yossi Oren Ben-Gurion Univ., Israel
Chandrasekaran Pandurangan IIT Madras, India
Haim Permuter Ben-Gurion Univ., Israel
Giuseppe Persiano UNISA, Italy
Benny Pinks Bar Ilan Univ., Israel
Christian Riess Univ. of Erlangen-Nuremberg, Germany
Or Sattath Ben-Gurion Univ., Israel
Elad Michael Schiller Chalmers Univ. of Tech., Sweden
Gili Segev Hebrew Univ., Israel
Paul Spirakis of Liverpool, UK & U. of Patras, Greece
Kannan Srinathan IIT Hyderabad, India
Uri Stemmer Ben-Gurion Univ., Israel
Ari Trachtenberg Boston Univ., USA
Philippas Tsigas Chalmers Univ. of Tech., Sweden
Doug Tygar UC Berkeley, USA
Kalyan Veeramachaneni MIT, USA
Colin Wilmut Nottingham Trent Univ., UK
Rebecca Wright Rutgers Univ. & Barnard College, USA
Moti Yung, Co-Chair Columbia Univ. & Google, USA

Partial List Entrepreneurship Track PC

Muli Ben-Yehuda Technion & LightBits Labs, Israel
Yonah Alexandre Bronstein ASTAV, inc., Israel
Ben Gilad TCS, Israel
Roman Gold JSCapital, Israel
Shlomo Gradman ASG, Ltd., Israel
Guy Horowitz Deutsche Telekom Capital Partners, Israel
Itay Katzav BaseCamp, Israel
Sachin Lodha Tata CS, India
Oded Margalit IBM & Ben-Gurion Univ., Israel
Michael Rodeh Permira and Land & Expand, Israel
Yaron Rosenbaum Iris Capital, Israel
Ofir Schreiber YL Ventures, Israel
Yaakov Stein RAD DC, Israel
Eithal Chait Stein CEA List, France
Dan Touitou Huawei Systems, Israel
Yoav Tzruya JVP Cyber Labs, Israel


Additional Planned Events. PhD Track and “Capture the Flag Hackathon are planned to take place at CSCML 2019.

Publication. Regular papers will be included in the Springer LNCS conference proceedings. versions of selected papers will be considered for a special issue of the journal Information and Computation.