**Dates:** Submission deadline February 14, 2019; Extended to February 28, 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 Buremlet-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 ElDefrawy 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 Itkis MIT Lincoln Laboratory, USA

Bhavana Kamakurthi IIT, India

Ben Kreuter Google, USA

Mark Last Ben-Gurion Univ., Israel

Ximing Li South China Agricultural Univ., China

Yin Li Xinyang Normal Univ., China

Avi Mendelson Technion, Israel

Aikaterini Mitrokosta Chalmers Univ. of Tech., Sweden

Kobbi Nissim Georgetown Univ., USA & BGU, Israel

Yossi Oren Ben-Gurion Univ., Israel

Chandrasekar Pandurangan IIT Madras, India

Haim Permuter Ben-Gurion Univ., Israel

Giuseppe Persiano UNISA, Italy

Benny Pinkas 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

Gil Segev Hebrew Univ., Israel

Paul Spirakis U. 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 Willmott Nottingham Trent Univ., UK

Rebecca Wright Rutgers Univ. & Barnard College, USA

Moti Yung, Co-Chair Columbia Univ. & Google, USA

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**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:

- **Cyber Security Design** Secure Software Development methodologies, Formal methods, Semantics and verification of secure systems, Fault tolerance, Reliability, Availability of distributed secure systems, Game-theoretic approaches to secure computing, Automatic recovery, Self-stabilizing, and self-organizing systems, Communication, Authentication and identification, Cyber security for mobile and Internet of Things, Cyber security of corporations, Security and privacy for cloud, Edge and fog computing, Cryptocurrency, and Blockchain.
- **Cryptography** 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 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/~frankel/TechnicalReports/2018/18-04.pdf)

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. Then a 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.