The Tenth Symposium on Cyber Security, Cryptology and Machine Learning (CSCML 2026)

December 03–04, 2026 • Hosted at Ben-Gurion University of the Negev, Be'er Sheva, Israel

Full Program Schedule

Thursday, December 03, 2026

Time	Main Room / Academic Research Track			Other Tracks	
08:20 – 08:30 Israel Time (UTC +2)	Opening Ceremony Shlomi Dolev				
08:30 – 09:20 Israel Time (UTC +2)	Keynote Speaker 1: **Yossi Vardi** Talk Titled: The Human Dimension of Machine Learning Introduction by: Shlomi Dolev				
09:20 – 10:30 Israel Time (UTC +2)	**Academic Track: Morning Session** Moderator: Panos Nastou			**PhD / Masters Track — Session 1** Moderator: Oded Margalit	
	1	09:20 – 09:35	**Post-Quantum Migration of Electronic National Lotteries: A Verifiable Generator-Verifier-Auditor Architecture** *Vasiliki Liagkou, Panagiotis Nastou, Paul Spirakis and **Yannis Stamatiou***	09:20 – 09:30	Welcome and Instructions
	2	09:35 – 09:50	**Quantum-Inspired Zero-Noise Extrapolation for Robust Physical Layer Security** ***Rajnish Kumar** and Shlomi Arnon*	09:30 – 09:40	
	3	09:50 – 10:05	**Privacy-Preserving Uniswap: A Comparison-Free Encrypted AMM Protocol** *Allon Adir, Ehud Aharoni, **Nir Drucker**, Eyal Kushnir, Omri Soceanu and Hayim Shaul*	09:40 – 09:50	
	4	10:05 – 10:20	**Fully Dynamic Hop-Countered Cuckoo Hashing for Secure Distributed Directory Systems** *Shlomi Dolev, Ehud Gudes and **Daniel Shlomo***	09:50 – 10:00	
	Short 1	10:20 – 10:30	**Multi-Party Computation in Machine Learning: Privacy-Preserving Ridge Regression** ***Radosław Trzmielewski***	10:00 – 10:10	
				10:10 – 10:20	
				10:20 – 10:30	
10:30 – 10:40 Israel Time (UTC +2)	**Break** Tour with Josh Hartuv: **The Living Calendar of Israel: A Journey Through the Seasons**				
10:40 – 12:35 Israel Time (UTC +2)	**Academic Track: Mid-Morning Session** Moderator: Hadassa Daltrophe			**PhD / Masters Track — Session 2 (10:40 – 11:30)** Moderator: Oded Margalit	
	1	10:40 – 10:55	**Extraction meets Distillation – Cryptanalytic techniques to recover Parameters from a Deep Neural Network** ***Biprarshi Biswas**, Subhamoy Maitra, Arya Anshuman Ojha, Yubaraj Das, Devansh Khosla, Kamran Rais and Saankhya Samanta*	10:40 – 10:50	
	2	10:55 – 11:10	**Reasoning Under Promised Distributions: Evaluating LLMs on Black-Box**	10:50 – 11:00	

			Reduction Rigor ***Shay Gueron***, *Isaac Elbaz and Philip Woods*
	3	11:10 – 11:25	**Evolving Character-String Suffixes: A Black-Box Genetic-Algorithm Attack on the Text-Conditioning Stage of Diffusion Models** ***Shachar Shmueli,*** *Ofir Kruzel, Amit Peled, and Ofer Hadar*
	4	11:25 – 11:40	**Hybrid AI-Driven Bug Localization in SoC RTL** *Oren Nishry and* ***Ronen Gal***
	5	11:40 – 11:55	**Sole Control over SSCD: Misuse Detection with Power-of-2-Choices** ***Mirosław Kutyłowski***, *Dominik Bojko, Jacek Cichoń, Oliwer Sobolewski and Gabriel Wechta*
	6	11:55 – 12:10	**I Know Where Your Private Bucket Is Located** ***Moshe Azulay***, *Anat Bremler-Barr and Yaniv Harel*
	7	12:10 – 12:25	**Optimizing Decoy-Vulnerability Placement for Attack Graph Obfuscation under Adversarial Awareness** ***Ortal Geva***, *Ehud Gudes and Rami Puzis*
	Short 1	12:25 – 12:35	**An Interactive AIS Protocol Simulator for Maritime Anomaly Detection and Spatio-Temporal Analytics** ***Silvie Levy*** *and Shlomy Benjo*

11:00 – 11:10	
11:10 – 11:20	
11:20 – 11:30	

12:35 – 12:50
Israel Time (UTC +2)

Lunch Break
Tour with Josh Hartuv: **The Living Calendar of Israel: A Journey Through the Seasons**

12:50 – 14:10
Israel Time (UTC +2)

Academic Track: Noon Session
Moderator: Ofer Hadar

Short 1	12:50 – 13:00	**Multi-Platform Payment Fraud Detection via Behavioral Velocity Profiling and Cost-Sensitive Gradient Boosting** ***Lohith R D*** *and Shaila S G*
Short 2	13:00 – 13:10	**Privacy-Preserving Document Summarization** ***Itai Assraf*** *and Mark Last*
1	13:10 – 13:25	**Dynamic Data Usage Prediction for Mobile Telecom Networks** *Linoy Arami and* ***Lee-Ad Gottlieb***
2	13:25 – 13:40	**GDS-for-AI-RAG: Gradient-Learned Navigable Graphs with Independent Multi-Hub Parallel Beam Search** *Hillel Avni, Shlomi Dolev,* ***Shira Rad Shilo*** *and Michael Segal*
Short 3	13:40 – 13:50	**Interference-Based Non-Quantum Key Distribution** *Shlomi Dolev,* ***Yizhak Kahana*** *and Yaakov Stein*
Short 4	13:50 – 14:00	**Can Induced Emotions Predict Movie Success?** ***Milka Kaplan***, *Armin Shmilovici and Mark Last*

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<tr><td>Short 5</td><td>14:00 – 14:10</td><td>BeeVision: Marked Bee Detection and Tracking
Almog Babila, Ariel Ariav, Hadassa Daltrophe and Tammar Shrot</td></tr>
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<tr><td>14:10 – 15:00
Israel Time (UTC +2)</td><td colspan="2">Keynote Speaker 2: Stuart Russell
Talk Titled: How Not to Destroy the World With AI
Introduction by: Paul Spirakis</td></tr>
<tr><td>15:00 – 15:10
Israel Time (UTC +2)</td><td colspan="2">Break</td></tr>
<tr><td>15:10 – 16:30
Israel Time (UTC +2)</td><td>
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<tr><td colspan="3">Academic Track: Afternoon Session
Moderator: Ehud Gudes</td></tr>
<tr><td>1</td><td>15:10 – 15:25</td><td>JetStream: Privacy-preserving Memoryless Aggregate Computations on Large Data Streams
George Alter, Chongwon Cho, Quinn Grier, Steve Lu, Tod Massa and Rafail Ostrovsky</td></tr>
<tr><td>2</td><td>15:25 – 15:40</td><td>Pruning Merkle-Tree Consistent Accumulator
Anna Mendonca, Hudson Shi, Ivan Pryvalov and Amir Herzberg</td></tr>
<tr><td>3</td><td>15:40 – 15:55</td><td>Private Identity-based Bulletin Boards for Anonymous Messaging and Online Services
Karim Eldefrawy, Benjamin Terner, Stanislaw Jarecki and Gene Tsudik</td></tr>
<tr><td>4</td><td>15:55 – 16:10</td><td>AMUSE: Asynchronous Multi-Agent Multi-String Uncoordinated Secure Encryption
Hillel Avni, Shlomi Dolev, Stav Elbar, Zvi Galil, Komal Kumari, Shantanu Sharma, Jeffrey Ullman and Moti Yung</td></tr>
<tr><td>Short 1</td><td>16:10 – 16:20</td><td>Calibration and False-Claim Accounting in Composed AI Workflows
Karim Eldefrawy</td></tr>
<tr><td>Short 2</td><td>16:20 – 16:30</td><td>MergeML: Privacy-Preserving Federation of Decision Layers over Private Feature Extractors with Single-Key and Multi-Key CKKS
Devharsh Trivedi</td></tr>
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<tr><td colspan="2">Entrepreneurship (Pitch) Track
15:10 – 16:30
Moderator: Yonah Alexandre Bronstein</td></tr>
<tr><td>15:10 – 15:15</td><td>Welcome and Instructions</td></tr>
<tr><td>15:15 – 15:23</td><td></td></tr>
<tr><td>15:23 – 15:31</td><td></td></tr>
<tr><td>15:31 – 15:39</td><td></td></tr>
<tr><td>15:39 – 15:47</td><td></td></tr>
<tr><td>15:47 – 15:55</td><td></td></tr>
<tr><td>15:55 – 16:03</td><td></td></tr>
<tr><td>16:03 – 16:11</td><td></td></tr>
<tr><td>16:11 – 16:20</td><td>Judge Deliberations</td></tr>
<tr><td>16:20 – 16:30</td><td>Judge Tally</td></tr>
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<tr><td>16:30 – 17:30
Israel Time (UTC +2)</td><td colspan="2">Keynote Speaker 3: Silvio Micali
Talk Titled: Smart Institutional Platforms
Introduction by: Stefan Dziembowski</td></tr>
<tr><td>17:30 – 18:00
Israel Time (UTC +2)</td><td colspan="2">Pitch Finalist Ceremony
Hosted by: Yonah Alexandre Bronstein
The three finalists from the Entrepreneurship (Pitch) Track will each have 5 minutes to present their pitch again to the entire CSCML audience. The audience will then vote for the best pitch.</td></tr>
<tr><td>18:00 – 19:00
Israel Time (UTC +2)</td><td colspan="2">Evening Keynote: Martin Hellman
Talk Titled: Public Key Cryptography and Peace
Interviewer: Yehuda Afek</td></tr>
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19:00 – 20:00 Israel Time (UTC +2)	Panel Discussion: **Modern Cryptography: From Its Foundation to the Post-Quantum, AI Era and Beyond** Panel Speakers: Ronald Rivest, Ralph Merkle, Gilles Brassard and Charles Bennett Moderator: Shlomi Dolev
20:00 – 21:00 Israel Time (UTC +2)	**Blockchain Panel Discussion** Panel Speakers: Moderator:
21:00 – 21:15 Israel Time (UTC +2)	Closing Ceremony / Remarks Shlomi Dolev