Time	Main Room and Academic Research Track			Other Track		
8:20-8:30 Israel Time (10:20pm PST June 29th / 1:20am EST)	**Opening Ceremony Shlomi Dolev**					
8:30-9:20 (10:30pm PST June 29th / 1:30am EST)	**Keynote Speaker 1: Dr Tomer Simon,** Chief Scientist of Microsoft Israel R&D Center in the CTO Office **Hosted by: Shlomi Dolev**					
9:20-9:30	**Break**					
9:30-11:01 (11:30pm PST June 29th / 2:30am EST)	**Academic Track Morning Session Moderator: Shay Gueron**			**PhD / Masters Track Session 1: 9:35-10:55 Moderator: Oded Margalit**		
	1	9:30 – 9:45	*Blind Rotation in Fully Homomorphic Encryption with Extended Keys* Marc Joye and Pascal Paillier	9:35-9:40	Welcome and Instructions	
	2	9:45 - 10:00	*Monitoring Time Series with Missing Values: A Deep Bayesian Approach* Oshri Barazani and David Tolpin	9:40-9:55	*Distributed Coordination Based on Quantum Entanglement* Yotam Ashkenazi, Shlomi Dolev	

	3	**10:00-10:15**	*Time, Memory and Accuracy Tradeoffs in Side-Channel Trace Profiling* Hen Hayoon and Yossi Oren	**9:55-10:10**	*Partially Disjoint k Shortest Paths* Yefim Dinitz, Shlomi Dolev, Manish Kumar and Baruch Schieber
	4	**10:15 - 10:30**	*Design of Intrusion Detection System based on Logical Analysis of Data (LAD) using Information Gain Ratio* Sneha Chauhan and Sugata Gangopadhyay	**10:10 - 10:25**	*Exponentially Fast Collaborative Broadcasting in Space* Shlomi Dolev, Sergey Frenkel, Manish Kumar and Christian Scheideler
	5	**10:30 - 10:45**	*Simulating a Coupon Collector* Dina Barak-Pelleg and Daniel Berend	**10:25 - 10:40**	*Common Public Knowledge for Enhancing Machine Learning Data Sets* Arnon Ilani and Shlomi Dolev
	Short 1	**10:45-10:53**	*On the Undecidability of the Panopticon Detection Problem* Yannis Stamatiou, Vasiliki Liagkou, Panagiotis Nastou and Paul Spirakis		
	Short 2	**10:53 - 11:01**	*Privacy-Preserving Contrastive Explanations with Local Foil Trees* Thijs Veugen, Bart Kamphorst and Michiel Marcus	**10:40 - 10:55**	*Self Masking for Hardening Inversions* Pawel Cyprys, Shlomi Dolev and Shlomo Moran
11:01-11:11			**Break**		

11:11-12:42 (1:11am PST June 29th/ 4:11am EST)	**Academic Track Mid-Morning Session** **Moderator Hadassa Daltrophe**			**PhD / Masters Track Session 2: 11:00-12:35** **Moderator: Oded Margalit**	
	1	11:11-11:26	*Timing Leakage Analysis of Non-Constant-Time NTT Implementations with Harvey Butterflies* Nir Drucker and Tomer Pelleg	11:00-11:05	Welcome and Introductions
	2	11:26-11:41	*Predicting the Direction of Changes in the Values of Time Series for Relatively Small Training Samples* Sergey Frenkel	11:05-11:20	*Swarming with (Visial) Secret (Shared) Mission* Alexander Fok, Shlomi Dolev, and Michael Segal
	3	11:41-11:56	*Machine-Learning Based Objective Function Selection for Community Detection* Asa Bornstein, Amir Rubin and Danny Hendler	11:20-11:35	*CPU- and GPU-based Distributed Sampling in Dirichlet Process Mixtures for Large-scale Analysis* Or Dinari, Raz Zamir, John W. Fisher III and Oren Freifeld
	4	11:56-12:11	*Randomness for Randomness Testing* Daniel Berend, Shlomi Dolev and Manish Kumar	11:35-11:50	*Inferring Compositional Behavioral Models Using Transformations and Automata Learning* Tom Yaacov and Gera Weiss
	5	12:11-12:26	*Botnet Attack Identification Based on SDN* Dimiter Avresky and Dobrin Dobrev	11:50-12:05	*Coal and Gangue Positioning and Classification using Support Vector Machines* Prasoon Bisht, Gurmeet Singh and Harjot Singh Gill
	Short 1	12:26-12:34	*Setting Up an Anonymous Gesture Database as well as Enhancing it with a Verbal Script Simulator for Rehabilitation Applications* Yoram Segal and Ofer Hadar		

Short 2	**12:34-12:42**	*Fake News Detection in Social Networks using Machine Learning and Trust* Nadav Voloch, Ehud Gudes, Nurit Gal-Oz, Rotem Mitrany, Ofri Shani and Maayan Shoel	**12:05-12:20** *Survey on Javascript Engines Fuzzers* Guillaume Guérard, Lucas Bichet and Soufian Ben Amor
			12:20-12:35 *Multiplicative (non-zero) Homomorphic CRT Secret Sharing* Yaniv Kleinman and Shlomi Dolev

12:42-13:15	**Break**	

13:15-14:46 (3:15am PST/ 6:15am EST)	**Academic Track Noon Session** **Moderator: Amnon Meisels**	**Entrepreneurship (Pitch) Track Session 1: 13:05-14:55** **Moderator:** **Yonah Alexandre Bronstein**

1	**13:15-13:30**	*Reinforcement Based User Scheduling for Cellular Communications* Nimrod Gradus, Asaf Cohen, Erez Biton and Omer Gurwitz	**13:05-13:10** Welcome and Introductions
2	**13:30-13:45**	*A Heuristic Framework to Search for Approximate Mutually Unbiased Bases* Sreejit Chaudhury, Ajeet Kumar, Subhamoy Maitra, Somjit Roy and Sourav Sen Gupta	**13:10-13:25** *Green Blocks - Refining Behavior* Guy Saturn, Kobe Nino and Ziv Boxenbaum
			13:25-13:40 *SafeMind Cyber Security* Shai Kavas
3	**13:45 - 14:00**	*Counter Mode for Long Messages and a Long Nonce* Shay Gueron	**13:40-13:55** *Tap - we create Hit apps for Mobile* Ofir Krisspel

	4	14:00 – 14:15	*Transfer Learning for Time Series Classification using Synthetic Data Generation* Yarden Rotem, Nathaniel Shimoni, Lior Rokach and Bracha Shapira	13:55-14:10	*Brain* Nadav Voloch	
	5	14:15 - 14:30	*Non-Stopping Junctions via Traffic Scheduling* Shlomi Dolev, Ehud Gudes and Hannah Yair	14:10-14:25	*Leveraging Noise for Ensuring Cybersecurity of Satellite Link* Rajnish Kumar and Shlomi Arnon	
	Short 1	14:30 – 14:38	*Predicting Subscriber Usage: Analyzing Multidimensional Time-Series using Convolutional Neural Networks* Benjamin Azaria and Lee-Ad Gottlieb	14:25-14:40	*Secorama - The first end to end Kubernetes Governance platform* Ido Shimon	
	Short 2	14:38 - 14:46	*Smart Cybercrime Classification for Digital Forensics with Small Datasets* Isfaque Al Kaderi Tuhin, Peter Loh and Zhengkui Wang	14:40-14:55	*Resight-Build the Next-Gen AR Applications* Omri Stein	
14:46-15:00			**Break**			
15:00-15:50 (5am PST/8am EST)			**Keynote Speaker 2:** **Shlomo Dovrat,** Co-founder and General Partner, Viola Ventures **Hosted by: Shlomi Dolev**			
15:50-16:00			**Break**			

16:00-17:24	**Academic Track Afternoon Session** **Moderator: Ehud Gudes**			**Entrepreneurship (Pitch) Track Session 2:** **15:50-17:20** **Moderator:** **Yonah Alexandre Bronstein**	
(6am PST/9am EST)	**1**	**16:00-16:15**	*Auditable, Available and Resilient Private Computation on the Blockchain via MPC* Christopher Cordi, Michael P. Frank, Kasimir Gabert, Carollan Helinski, Ryan C. Kao, Vladimir Kolesnikov, Abrahim Ladha and Nicholas Pattengal	**15:50-15:55**	Welcome and Introduction
				15:55-16:10	*Securing multi party AI computation using Conclave – a confidential computing platform* Sneha Damle
	2	**16:15-16:30**	*Union Buster: A Cross-Container Covert-Channel Exploiting Union Mounting* Novak Boskov, Naor Radami, Trishita Tiwari and Ari Trachtenberg	**16:10-16:25**	*Signex.io- Helping investors pick the right NFT project with social intelligence* Itay Dekel
	3	**16:30-16:45**	*Mutual Accountability Layer: Accountable Anonymity within Accountable Trust* Vanesa Daza, Abida Haque, Alessandra Scafuro, Alexandros Zacharakis and Arantxa Zapico	**16:25-16:40**	*TheraPlay – Oazis* Tamir Elazar and Ofer Hadar
	4	**16:45-17:00**	*Faster Post-Quantum TLS Handshakes without Intermediate CA Certificates* Panos Kampanakis and Michael Kallitsis	**16:40-16:55**	*Cyberblocks Value Proposition SWOT for Cyberblocks* Galina Schwartz
	Short 1	**17:00-17:08**	*Enhancing Cybersecurity of Satellites at sub-THz Band* Rajnish Kumar and Shlomi Arnon	**16:55-17:05**	Judge Deliberations
				17:05-17:20	Judge Tally

	Short 2	**17:08-17:16**	*Polynomial Approximation of Inverse sqrt Function for FHE* Samanvaya Panda	
	Short 3	**17:16-17:24**	*Detecting Clickbait in Online Social Media: You Won't Believe How We Did It* Aviad Elyashar, Jorge Bendahan and Rami Puzis	
17:24-17:30	**Break**			
17:25-18:05	**Pitch Finalist Ceremony** **Hosted By: Shlomi Dolev and Yonah Alexandre Bronstein** The three finalists from the Entrepreneurship (Pitch) Track will have 5 minutes to present their pitch again before the entire audience of CSCML. Then the entire audience will get to vote for the best pitch.			
18:05-18:55 (8:05amPST / 11:05am EST)	**Keynote Speaker 3:** **Dr. Burt Kaliski Jr.,** SVP and Chief Technology Officer at Verisign **Hosted by: Shlomi Dolev**			
18:55-19:00	**Break**			

19:00-20:31			**Academic Track Evening Session** **Moderator: Vladimir Kolesnikov**	
(9:00am PST/ 12:00PM EST)	1	19:00 - 19:15	*Etherless Ethereum Tokens: Simulating Native Tokens in Ethereum* John Andrews, Michele Ciampi and Vassilis Zikas	
	2	19:15 - 19:30	*A Linear-Time 2-Party Secure Merge Protocol* Rohit Nema, Brett Falk and Rafail Ostrovsky	
	3	19:30 - 19:45	*FairMM: A Fast and Frontrunning-Resistant Crypto Market-Maker* Michele Ciampi, Muhammad Ishaq, Malik Magdon-Ismail, Rafail Ostrovsky and Vassilis Zikas	
	4	19:45 - 20:00	*In-app Cryptographically-Enforced Selective Access Control for Microsoft Office and Similar Platforms* Karim Eldefrawy, Tancrède Lepoint and Laura Tam	

	5	**20:00 - 20:15**	*Differentially-Private "Draw and Discard'" Machine Learning: Training Distributed Models from Enormous Crowds* Vasyl Pihur, Moti Yung and Aleksandra Korolova	
	Short 1	**20:15 - 20:23**	*Privacy Preserving Solution of DCOPs by Mediation* Pablo Kogan, Tamir Tassa and Tal Grinshpoun	
	Short 2	**20:23 - 20:31**	*BFLUT Bloom Filter for Private Look Up Tables* Shlomi Dolev, Ehud Gudes, Erez Segev, Jeffrey Ullman and Grisha Weintraub	
20:31-20:46 **(10:31am PST/ 13:31PM EST)**			**Closing Ceremony/ Blessing** **Shlomi Dolev**	

Friday July 1st

Virtual Tour: The Cultural Mosaic of Israel 15:00-16:30

Capture the Flag: Hackathon Schedule
CodeGuru Xtreme CTF:

CSCML 2022- June 30th Full Program

1	**Wednesday: June 29th -- 18:00**	**Exposing the Zombies -- Via zoom**
2	**Thursday: June 30th -- 12:00 pm**	**Submit the first survivor**
3	**Friday: July 1st -- 8:00 am**	**Submitting the second survivor**
4	**Friday: July 1st -- 10:00 am**	**Final Stage-- Interactive on zoom**