

CEWIT Conference Agenda

Time	Session 1	Session 2	Session 3
8:00am-8:10am	CEWIT2020 Welcoming Remarks		
	Artificial Intelligence Moderator: Charles Rubenstein	Medical Moderator: Shmuel Einav, Rong Zhao	Venture Capital Sessions
8:10am-8:30am	AI+VIS: Magic Visualization and Explainable AI <i>Huamin Qu, PhD- Hong Kong University of Science and Technology</i>	COVID-19 Clinical Analytics using Deep Learning and Graph Analytics – A deep dive on Deep Vein Thrombosis Complications <i>Cecil Lynch, MD- Accenture</i>	Venture Capital Trends Session • <i>Michael Lane- Long Island Capital Alliance- Moderator</i> • <i>Stav Erez- Labs/02</i> • <i>Neil Callahan- Pilot Growth Equity</i> • <i>Rajan Luthra- Reliance Industries</i>
8:35am-8:55am	Commercial Artificial Intelligence Technologies and the Future of Warfare <i>Bruce Swett, PhD- Northrop Grumman Mission Systems</i>	Inclusive Innovation <i>Kimberly Noel, MD- Stony Brook University Hospital</i>	
9:00am-9:20am	Emotion Recognition & Attention Analysis by Affective Robots <i>Tao Wang, PhD- Peking University</i>	Preparing Return to Workplace with Data/AI Technology <i>Xuan Liu, PhD- IBM Watson Health</i>	
9:25am-9:45am	Visual Design of Layer-wise Relevance Propagation Models for Deep Learning Explanation <i>Ye Zhao, PhD- Kent State University</i>	COVID-19 NIAID'S Clinical Trial Plan <i>Sharon Nachman, MD- Stony Brook University Hospital</i>	Funded Company Update Session • <i>Sylvan Scheffler- Tiger Financial Partners- Moderator</i> • <i>Rana Gujral- Behavioral Signals</i> • <i>Mike Noonan- MixComm</i> • <i>Dan Slagen- ClimaCell</i> • <i>Jack Tawil- Medpod</i>
9:50am-10:10am	Advanced Machine Learning for Biomedical Signal Analytics <i>Moncef Gabbouj, PhD- Tampere University</i>	The Power of Low-Code / Pre-Trained ML in Healthcare <i>Dan Holewienko - Henry Schein, Inc.</i> <i>Joined by: Dr. Dmitry Pavlov & Nancy Hornberger- ElectricAi, LCC</i>	
10:15am-10:35am	A Deep Reinforcement Learning Approach for Online Computation Offloading in Mobile Edge Computing		

	<i>Tong Liu, PhD- Shanghai University</i>	
10:40am-11:00am	Efficient Deep Learning with Once-for-All Network <i>Song Han, PhD- MIT</i>	
11:00am-11:10am	BREAK- Be sure to visit our virtual exhibit floor!	
	Blockchain/Cyber Security Moderator: Susan Frank	Medical Panel
11:10am-11:30am	Mining Attacks to the Blockchain System <i>Bin Xiao, PhD- Hong Kong Polytechnic University</i>	Technology, Health + Society <ul style="list-style-type: none"> • <i>Kristie Kuhl- Finn Partners- Moderator</i> • <i>Tania Yuki- Sharablee</i> • <i>Seth Haberman- Sense Education</i> • <i>John Kelly- Graphika</i> • <i>Satish Rath- Aster MD Healthcare</i>
11:35am-11:55am	Applications of GANs for Anomaly and Fraud Detection in Employee Expenses <i>Brian Merrill- Deloitte Forensic Data Analytics Practice</i>	
12:00am-12:20pm	e-SAFE: Secure, Efficient and Forensics-Enabled Access to Wireless Implantable Medical Devices <i>James Xiaojiang Du, PhD- Temple University</i>	
12:25pm-12:45pm	Marketing Places in the Age of Coronavirus <i>Ambassador Ido Aharoni- NYU/ Emerson Rigby Ltd./Israeli Foreign Service</i>	
12:45pm - 1:05pm	BREAK- Be sure to visit our virtual exhibit floor!	
	Machine Learning Moderator: Dave Mesecher	Medical Panel
1:05pm-1:25pm	5G Standardization and Latest Trend <i>Satoshi Nagata- NTT DOCOMO, INC.</i>	Medical Technology, Data & Healthcare Transformation <ul style="list-style-type: none"> • <i>Levi Shapiro - mHealth Israel- Moderator</i> • <i>Avi Yaron- Healthya Ventures Lab</i> • <i>John Whyte, MD, MPH- WebMD</i> • <i>Jonathan Goldstein- Boston Scientific</i> • <i>Jeremy Sohn- Novartis</i>
1:30pm-1:50pm	Reconstruction and	

	<p>Visualization of Neuronal Structures using Deep Learning</p> <p><i>Arie Kaufman, PhD- Stony Brook University</i></p>	
1:55pm-2:15pm	<p>Determining Machine Learning Model Maturity with Probability Intervals</p> <p><i>Anthony Kelly- Northrop Grumman Mission Systems</i></p>	
2:20pm-2:40pm	<p>Wearable Device with Multi-Modal Array Sensing and Deep Probabilistic Learning Methods for Early Noninvasive Identification of Dysphagia</p> <p><i>Milutin Stanacevic, PhD- Stony Brook University</i></p>	
2:40pm-2:50pm	<p>BREAK- Be sure to visit our virtual exhibit floor!</p>	
2:50pm-3:50pm	<p>Stony Brook University President, Dr. Maurie McInnis- Introduction to Keynote Speaker Moderator: Shmuel Einav, Rong Zhao</p>	
	<p>The Genetic Code Translation Machinery as a Therapeutical Target</p> <p><i>Prof. Ada Yonath- Weizmann Institute, Israel</i></p>	
	<p>Machine Learning Moderator: Fan Ye, Steve Cento</p>	<p>Machine Learning Moderator: Ed Palacio</p>
3:55pm-4:15pm	<p>Revisiting the Adversarial Machine Learning Threat Landscape: Is it Futile to Protect Against White-Box Attacks?</p> <p><i>Kevin Eykholt, PhD- IBM Research</i></p>	<p>Matching Boys and Girls in Dating Clubs and its Applications to Kidney Exchanges and to the Allocation of Residents to Hospitals</p> <p><i>Yair Tauman, PhD- Stony Brook University</i></p>
4:20pm-4:40pm	<p>Robots On Our Roads – Where Are We And Where Might We Be Going</p> <p><i>Bryan Reimer, PhD- MIT</i></p>	<p>Technology Predictions for Times of Pandemics</p> <p><i>Dejan Milojicic- Hewlett Packard Labs</i></p>

4:45pm-5:05pm

Security in Next Generation AR
Form Factors

*Michael Grace, PhD- Mojo
Vision*

Realizing the Promise of 5G for Public Sector

Nicholas Nilan- Verizon