

WEDNESDAY | OCTOBER 29

8:30 AM REGISTRATION OPEN IN MAIN LOBBY

8:30 AM - 9:30 AM ATRIUM SHOW FLOOR OPEN Exhibitor and Poster Sessions

TRACK A

TRACK B

TRACK C

TRACK D

MORNING SESSION
9:30 AM - 11:00 AM

Big Data Architecture and Analytics

Information Technology and Society

Smart Energy and Urban Systems

Panel: Entrepreneurship and Venture Capital

BREAK: 11:00 - 11:30 AM
Atrium Show Floor and Poster Session

Sugato Bagchi
IBM Research
IBM Watson: From the Jeopardy! Challenge to Healthcare

Masaaki Maeda
Docomo USA
Partnering with Start-ups for Innovation

Ansul Gandhi
Stony Brook University
Dynamic Server Provisioning for Data Center Power Management

Special panel feature focused on the venture capital landscape, for the principals of technology start-ups. The panelists, prominent Long Island-based investors and IP lawyers, discuss the trends in venture funding, what investors look for in start-up companies, and will answer your questions.

MORNING SESSION
11:30 AM - 12:45 PM

Tong Chen
Southwest University
Open Assistant for Human-computer Affective Interaction

David Ecker & Margaret Schedel
Stony Brook University
MakerSpaces - Experiential Learning Environments

William Cheng
Sensor CAT
Optical Methane Leak Detector for Wireless Networks

Moderated by Steven Cohen
Empire State Development

Vassilis Charissis
Glasgow Caledonian University
Enhancing Human Responses through Augmented Reality Head-Up Display in Vehicular Environment

Matthew Ganis
IBM
The Impact of Social Media on Information Technology across the Enterprise

Jae-Sam Park
Incheon National University
Advanced Metering Infrastructure

John Kane & Michael Cohen
CA Technologies
Management and Monitoring of Big Data Infrastructure (MongoDB and Cassandra)

SeonKwan Han
Gyeongin National University of Education
Smart-Learning as National Project in Korea

Vladimir Smagin
Sensor CAT
Low Power Environmental Sensor for Wireless Networks

Robert Brill
Newlight Management

Pravin Chopade
North Carolina A&T State University
Structural Analysis and Interactive Visualization of Large Scale Big Data Networks

Andrew Anagnost
Autodesk, Inc.
Welcome to The Future of How Things Are Made

John Lamb
IBM, Pace University
Systems Engineering Methods and Tools for Efficient IT Project Testing in the Cloud

David Calone
Jove Equity Partners LLC

Jaqueline Vieira
IME-Instituto Militar de Engenharia
Data Mining in Business Intelligence - The Use of Classifiers in Image Analysis of Oil Wells Profiling Process and the Automatic Identification of Events

Marie Arturi
Bunce, LLC
Integrating Education

Joseph Chang
Sensor CAT
High Efficient Powering System for Wireless AC Ammeter

Lori Hoberman
Chadbourne & Parke LLP

Robert Reeves
Stony Brook University
The Center for Digital Technology and Visual Storytelling

Masashi Sugano
Osaka Prefecture University
Performance Evaluation of a Large-scale Smart Metering System Based on Wireless Multihop Communication

Teresa Piliouras
TRC, Inc.
Finding Diamonds (Star Students) in the Data Mine How Big Data Can Drive Excellence in Education

Steve Winick
Topspin Partners

WEDNESDAY | OCTOBER 29

12:50 PM - 2:00 PM

BALLROOM: LUNCHEON, WELCOME, AND KEYNOTE SPEAKER
Ambassador Ido Aharoni, General Consul of Israel in New York

TRACK A

TRACK B

TRACK C

TRACK D

AFTERNOON SESSION
2:15 PM - 3:45 PM

Big Data Architecture and Analytics

Networks, Clouds, and Security

Health Technologies & Medical Devices

Expo: Early Phase and Startup Company Pitches

BREAK: 3:45 - 4:15 PM
Atrium Show Floor and Poster Session

Steve Ippoliti
Cloudera

Yingying Chen
Stevens Institute of Technology
In-home Device-free Activity Identification Using Fine-grained WiFi Signatures

Assaf Havley
dbMotion
Healthcare IT - Innovations in Population Health Management

A session dedicated to succinct presentations by early phase and startup technology companies seeking funding.

Steve Yang
Stevens Institute of Technology
A Graph Mining Approach to Detecting Financial Disclosure Outliers

Sarah Pramanik & Dallas Snider
Northrop Grumman Corporation, University of West Florida
Defining Threats Across Organizational Boundaries

Marvin Slepian
University of Arizona
Innovation, Medical Device Development: The Artificial Heart Program

AFTERNOON SESSION
4:00 PM - 5:45 PM

Jianying Yu
IBM Research

Babak Beheshti
New York Institute of Technology
Fault Tolerant Wireless Sensor Networks

Mark Henry
Stony Brook University
Polypharmacy in the eElderly Utilizing IT Program

Eugene Sayan
Softheon
Consumer Driven Healthcare Delivery using Big Data and Cloud Computing

Dan Li
Tsinghua University
SOPA: A Packet-level Multi-path Routing Scheme in Data Center Networks

Pramod Gaur
Pace University
Opportunities to Improve Total Population Management using Health IT Technology

Drew Wyskida
IBM Research
The Dynamic Sensing and Automation of Datacenter Infrastructure Components

Yanni Ellen Liu
Stony Brook University
Implementing a Software Defined Network (SDN) Application

Craig Lehmann
Stony Brook University
Catalyzing Technology Innovation to Support Health Providers

Xintong Song
Peking University
Mobile CrowdSensing Under Data-Insufficient Conditions

Sagi Brodi
Webair Internet Development Inc.
Troubleshooting as a Service

Dana Demeo
Intelligent Product Solutions
Medical Adherence

Sanjeev Kumar
Marimekala
IBM
Think Smart and Communicate Fast! Are You Mobile In The Clouds?

Pamela Block
Stony Brook University
The Relevance of Wireless Information Technology for People Dependent on Mechanical

Johnson Eze
University of Wolverhampton
Real-time Pipeline Surveillance with Wireless Sensor Networks (WSN)

William Moore
Stony Brook University
Healthcare Information Technology Cloud Computing and HIPAA Compliance

5:45 PM - 7:15 PM

ENHANCED RECEPTION Atrium Show Floor with Exhibitor and Poster Sessions

7:15 PM - 8:30 PM

BALLROOM: INTERNATIONAL CULTURAL SHOWCASE

THURSDAY | OCTOBER 30

TRACK A

TRACK B

TRACK C

TRACK D

7:00 AM REGISTRATION OPEN IN MAIN LOBBY

7:30 AM - 8:30 AM BALLROOM: CONTINENTAL BREAKFAST Exhibitor and Poster Sessions

MORNING SESSION
8:30 AM - 10:00 AM

BREAK: 10:00 - 10:30 AM
*Atrium Show Floor and
Poster Session*

MORNING SESSION
10:30AM - 12:00 PM

Internet of Things

Bruce Willins
Motorola Solutions
*Enterprise Mobile
Operating Systems*

Yossi Tsuria
NDS Group, Ltd
*Security of Everything:
Architecture and
Systems Design for IoT*

Diego Tamburini
Autodesk Inc.
*How IoT Will Impact
Manufacturing – And
How Manufacturers Can
Be Prepared for the
Transformation*

Joseph Marino
Zortag, Inc.
*A Verified Internet of
Dumb Things*

Math Gath
University of Bremen
*Autonomous and
Flexible Multiagent
Systems enhance
Transport Logistics*

Stan Schneider
Real-Time Innovations
*The Nervous System
behind the Internet of
Things: Understanding
the DDS, MQTT, & AMQP
Protocols*

Prasun Sinha
Ohio State University
*Exploiting Wired Back-
bones for Faster Wireless
Networks*

**Health Technologies
& Medical Devices**

Gerard Grundler
Verizon
*The Patient's Role in
Wireless Tele-Medicine*

Joel Saltz
Stony Brook University
*Biomedical Informatics
– Creating a Living
Laboratory for Clinical
Informatics and Popula-
tion Health*

Aydin Farajidavar
NYIT
*Smart Wearable and
Implantable Medical
Devices*

Brent Schiller
SensorCAT
*Intelligent Wireless
Tracking System for
Assets, Medications, and
Visitors*

Samuel Moskowitz
The Hebrew University
of Jerusalem
*Computer-Aided Diag-
nostics*

Wei Lin
Stony Brook University
*Wireless Infant Monitor-
ing Device for the
Prevention of Sudden
Infant Death Syndrome*

John Lamb
IBM & Pace University
*Calculating a Hospital's
IT Energy Efficiency and
Determining Cost
Effective Ways for
Improvement*

**Workshop: The
Entrepreneur's Toolkit**

*A program of special
presentations by noted
experts providing with
a "how to" slant about
tools for Wireless and
IT entrepreneurship-
including areas such
as licensing, intellec-
tual property, patent
eligibility for software,
copyrighting software
products, and with a
featured speaker on
the StartUP NY
program.*

Leslie Whatley
START-UP NY

Frank Chau
F. Chau & Associates,
LLC

Gavin Grusd
Silverman Acampora,
LLP

Alon Y. Kapen
Farrell Fritz P.C.

**BIG DATA AND DATA
SCIENCE TUTORIALS**

*Hadoop Intro
Session I*
Jun Zhao, NYC Data
Science Academy
8:30 AM - 10:00AM

Data Science by R
Charlie Redmon,
NYC Data Science
Academy
10:30 AM - 12:00 PM

*Hadoop Advanced
Topics
Session II*
Jun Zhao, NYC Data
Science Academy
2:00 PM - 3:30PM

*Data Analysis with
Python*
Charlie Redmon,
NYC Data Science
Academy
3:30PM - 5:00 PM

12:15 PM - 2:00 PM

BALLROOM: LUNCHEON AND KEYNOTE SPEAKERS

*Thomas D. Bianculli, Senior Director, Emerging Business Office, Motorola Solutions, Inc.
Richard Bravman, Chief Operating Officer, Affinity Solutions, Inc.*

2:00 PM - 5:00 PM

B2B: INTERNATIONAL DELEGATIONS Networking Session

5:00 PM

CONFERENCE ADJOURNED