

**IC3 Spring Retreat - Agenda - Thursday May 10**  
**Tata Innovation Center, Cornell Tech**  
**2 W Loop Rd, New York, NY 10044**

**8:00 – 8:45 Continental Breakfast**

**8:45 – 9:00 Welcome - Emin Gün Sirer**

**9:00 – 10:00 Session 1: Speed and Scale - Chair: Dawn Song**

Andrew Miller - Honey Badger-MPC - 10 min  
Yan Ji - Ethereum Scaling - 10 min  
Soumya Basu - Decentralization in Bitcoin and Ethereum - 10 min  
Sarah Azouvi - Betting on Consensus - 10 min  
Itay Tsabary - The Gap Game: Mining gaps - formation and implications - 10 min  
Kevin Sekniqi - Found Protocols, like Found Art - 10 min

**10:00 - 10:30 Break - 30 min**

**10:30 – 11:10 Session 2: Security, Integrity and Confidentiality - Part 1 - Chair: Andrew Miller**

Dawn Song/Raymond Cheng - Ekiden: Confidentiality-Preserving, Trustworthy, and Performant Smart Contract Execution - 10 min  
Iddo Bentov - Credit Network with Asset-Based Proof-of-Stake Consensus - 10 min  
Burcu Canakci - Consensus protocols for permissioned blockchains - 10 min  
Sarah Meiklejohn - Anonymity in Cryptocurrencies - 10 min

**11:10 - 11:30 Break - 20 min**

**11:30 - 12:00 Session 3: Correct by Construction Smart Contracts - Use Cases, Business and Technical Requirements - Chair: Andrew Myers**

JPM - Suresh Shetty - 10 min  
Chain - Dan Robinson - 10 min  
Microsoft – Manuel Costa - 10 min

**12:00 – 1:00 Lunch - 60 min**

**Breakout Session: CxC Working Group - Andrew Myers**

**BoF Session: Infrastructure - Emin Gün Sirer**

**BoF Session: Zero Knowledge Proofs - Andrew Miller**

**1:00 – 1:50 Session 4: Security, Integrity and Confidentiality - Part 2 - Chair: Ari Juels**

Ethan Cecchetti - Proofs of Replication - 10 min  
Fan Zhang - Paralysis Proofs - 10 min  
Mary Maller - Nearly Trustless Setup for zk-SNARKs - 10 min  
Haobin Ni - A formally verified permissioned blockchain - 10 min  
Surya Bakshi - State Channel Monitors - 10 min

**1:50 - 2:10 Break - 20 min**

**2:10 – 3:00 Session 5: Industry Session – Pain Points and Hot Topics on the Path to Production - Chair: Emin Gün Sirer**

Fidelity - Bob McElrath  
IBM - Salman Baset  
Intel - Mic Bowman  
VMware - Mike DiPetrillo  
Digital Asset - Shaul Kfir

**3:00 - 3:30 Break - 30 min**

**3:30 - 4:15 Session 6: Demo Show and Tell - Chair: Robbert van Renesse**

Kai Mast 🚩 - New Architecture for Blockchains - 10 min  
Isaac Sheff 🚩 - Cross Chain Transactions - 10 min  
Oded Naor 🚩 - Teechain: Asynchronous Offline Payment Channels using Trusted Execution Environments - 10 min  
Phil Daian 🚩 - Project Chicago / GasToken - 10 min

**4:15 - 4:45 Session 6: Vision Stand Up: New Applications and Research Directions - Chair: Andrew Miller**

Ian Miers - 3 min  
Iddo Bentov - 3 min  
Patrick McCorry - 3 min  
Robbert van Renesse - 3 min  
Emin Gün Sirer - 3 min  
Ari Juels - 3 min  
Andrew Myers - 3 min  
Dawn Song - 3 min

**4:45 – 5:00 Wrap up - Emin Gün Sirer**

**6:00 – Dinner – Manhattan Venue TBD**

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🚩 -- indicates a demo