

# - AtheCrypt 2021 Schedule -

<http://www.corelab.ntua.gr/athecrypt2021/>

[WebEx link](#)

Saturday 16/1

9:45	<i>Opening</i>
10:00	Manolis Zampetakis: <b>Complexity of Total Search Problems with connections to Cryptographic Hardness</b>
11:00	Orfeas Thyfronitis-Litos, Nikos Papadis: short presentations
11:25	Dionysis Zindros: <b>Soft Power: Changing Blockchain Macroeconomic Policy through Soft Forks</b>
11:50	<i>Break</i>
12:00	Aggelos Kiayias: <b>Tight Consistency Bounds for Bitcoin</b>
13:00	Lefteris Kokoris-Kogias: <b>Bootstrapping Consensus and MPC in an Asynchronous Network</b>
13:25	Vlasis Koutsos: <b>Agora: A Privacy-Aware Data Marketplace</b>
13:50	Stefanos Leonardos: <b>Ethereum's Transaction Fee Market Reform of EIP 1559</b>
14:15	<i>Long Break</i>
16:00	Moti Yung: <b>Why and How to Deploy "Secure Computations" in Daily Business?</b>
17:00	Zeta Avarikioti: <b>Divide and Scale: Formalization of Distributed Ledger Sharding Protocols</b>
17:30	Nikos Triandopoulos: <b>Private Hierarchical Clustering and Efficient Approximation</b>
18:10	Panos Chatzigiannis: <b>MiniLedger: Compact-sized Anonymous and Auditable Distributed Payments</b>
18:40	<b>Free discussion</b>
19:15	Vasilis Zikas: <b>Broadcast-Optimal Two-Round MPC</b>
20:15	<i>End of Day 1</i>

## Saturday 23/1

<b>9:50</b>	Qiang Tang: <b>Dumbo Protocols: Making Asynchronous (Permissioned) Consensus Real</b>
<b>10:50</b>	Pyrros Chaidos: <b>Weighted Multi-Signatures for Blockchain Bootstrapping</b>
<b>11:15</b>	Periklis Papakonstantinou - <b>The 20 minutes guide to blackbox separations (and maybe non-blackbox constructions) (if time permits)</b>
<b>11:35</b>	<i>Break</i>
<b>11:45</b>	Tassos Dimitriou: <b>Decentralized Reputation</b>
<b>12:10</b>	Panos Louridas: <b>The Next Generation of the Zeus e-Voting System</b>
<b>12:35</b>	Marios Adamoudis: <b>Attacking (EC)DSA with partially known multiples of nonces</b>
<b>13:00</b>	<i>Long Break</i>
<b>14:40</b>	Eleni Diamanti - <b>Practical challenges in quantum cryptography</b>
<b>15:40</b>	Antigoni Polychroniadou - <b>Differential Privacy for Inventory Obfuscation</b>
<b>16:40</b>	Ioannis Demertzis - <b>Dynamic Searchable Encryption with Small Client Storage</b>
<b>17:05</b>	Lewis Tseng - <b>Fundamental Properties of Cryptocurrency in Distributed Systems</b>
<b>18:05</b>	<i>Break</i>
<b>18:20</b>	Juan Garay: <b>Cryptography in the Proof-of-Work Era</b>
<b>19:20</b>	Kostas Chalkias: <b>ToothBoard: teeth and tongue authentication</b>
<b>19:45</b>	Evgenios Kornaropoulos: <b>Demystifying Leakage in Encrypted Systems</b>
<b>20:10</b>	<i>Closing Remarks - End of AtheCrypt 2021</i>