

Dagstuhl Seminar **Public Key Cryptography**

| Mon, Sep 26 | Tue, Sep 27 | Wed, Sep 28 | Thu, Sep 29 | Fri, Sep 30 |
|---|---|--|--|---|
| 09:00 Welcome | | | 09:00 DBLP session | |
| 09:15 Kenny Paterson <i>On the Joint Security of Signature and Encryption, Revisited</i> | 09:15 Guiseppe Persiano <i>HVE with Unrestricted Queries</i> | 09:15 Yvo Desmedt <i>Active Security in General Secure Multi-Party Computation via Black-Box Groups</i> | 09:15 Antoine Joux <i>Cover and Decomposition on Elliptic Curves</i> | 09:15 Pooya Farshim <i>Functional Encryption: Extensions and Implications</i> |
| 09:50 Krzysztof Pietrzak <i>Commitments and Efficient Zero-Knowledge from Hard Learning Problems</i> | 09:50 Yuval Ishai <i>How to Garble Arithmetic Circuits</i> | 09:50 Stefano Tessaro <i>The Equivalence of the Random Oracle and the Ideal Cipher Model, Revisited</i> | 09:50 Melissa Chase <i>Functional Reencryption and Collusion-Resistant Obfuscation</i> | 09:50 Claus Schnorr <i>Identification and signatures based on NP hard problems of indefinite quadratic forms</i> |
| 10:30 BREAK | 10:30 BREAK | 10:30 BREAK | 10:30 BREAK | 10:30 BREAK |
| 11:00 Thomas Holenstein <i>Lower Bounds for the Construction of PRGs</i> | 11:00 Ueli Maurer <i>Constructive Cryptography -- A New Paradigm for Security Definitions and Proofs</i> | 11:00 Anja Becker <i>Solving Hard Knapsacks</i> | 11:00 Dominique Schröder <i>Security of Blind Signatures, Revisited</i> | 11:00 Bogdan Warinschi <i>Game-based composition theorems for key exchange protocols</i> |
| 11:35 Jörn Müller-Quade <i>Code obfuscation with a stateless hardware token</i> | 11:35 Björn Tackmann <i>Integrity Notions for Encryption Schemes</i> | 11:35 Vassilis Zikas <i>Secure Computation with Corrupted Setups</i> | 11:35 Gregory Neven <i>Oblivious transfer with anonymous access control and pricing</i> | 11:35 Yevgeniy Dodis <i>On the (In)security of RSA Signatures</i> |
| 12:15 LUNCH | 12:15 LUNCH | 12:15 LUNCH | 12:15 LUNCH | 12:15 LUNCH |
| 14:15 Eike Kiltz <i>LWE is lossy</i> | 14:15 Dennis Hofheinz <i>All-But-Many Lossy Trapdoor Functions</i> | FREE AFTERNOON | 14:15 Juan Garay <i>Resource-based Corruptions</i> | |
| 14:50 Alon Rosen <i>Pseudo Random Functions and Lattices</i> | 14:50 Tatsuaki Okomoto <i>Dual Pairing Vector Spaces and Functional Encryption</i> | | 14:50 Thomas Ristenpart <i>Careful with Composition: Limitations of Indifferentiability Framework</i> | |
| 15:30 BREAK | 15:30 BREAK | | 15:30 BREAK | |
| 16:15 Alexander Meurer <i>Decoding Random Linear Codes</i> | 16:15 Yevgeniy Dodis <i>Leftover Hash Lemma, revisited</i> | | 16:15 Panel Discussion: <i>Future Directions for Public Key Crypto</i> | |