

## Preliminary Schedule Dagstuhl Seminar Public-Key Cryptography

### Monday (the day of the talks with long titles)

- 9:15- 9:30 - Welcome
- 9:30-10:30 - Krzysztof Pietrzak: How to Overcome Hellman's Time/Memory Trade-Offs with Applications to Proofs of Space
- 10:30-11:00 - Coffe break
- 11:00-11:35 - Dennis Hofheinz: How to make Kurosawa-Desmedt encryption tightly secure
- 11:35-12:10 - Jörn-Müller Quade: Composable Protocols from Encapsulated Superpolynomial Helpers
- 12:15-14:15 - Lunch
- 14:15-14:50 - Pierre-Alain Fouque: Comparison between Subfield and Straightforward Attacks on NTRU
- 14:50-15:30 - David Cash: What Else is Revealed by Order-Revealing Encryption?
- 15:30-16:00 - Coffe break
- 16:00-16:35 - Eike Kiltz: Schnorr signatures in the multi-user setting

### Tuesday

- 9:15- 9:50 - David Pointcheval: Integer Commitments
- 9:50-10:30 - Antoine Joux: Even-Mansour in the Multi-user Setting
- 10:30-11:00 - Coffe break
- 11:00-12:10 - Vipul Goyal: Non-malleable commitments
- 12:15-14:15 - Lunch
- 14:15-15:30 - Discussion Reviewing System
- 15:30-16:00 - Coffe break

### Wednesday

- 9:15- 9:55 - Antoine Joux: Lattice Reduction with Interval Arithmetic
- 9:55-10:30 - Phong Nguyen: Lattice enumeration with discrete pruning
- 10:30-11:00 - Coffe break
- 11:00-11:35 - Iftach Haitner: Fair Coin Flipping: Tighter Analysis and the Many-Party Case
- 11:35-12:15 - Hoeteck Wee: OPTLS
- 12:15-14:15 - Lunch
- 15:30-16:00 - free afternoon/ social activities (hike, soccer, ...)
- 15:30-16:00 - Coffe break

### Thursday

- 9:15- 9:50 - Sven Schäge: On the Impossibility of Tight Reductions
- 9:50-10:30 - Alex May: Practical LPN Cryptanalysis
- 10:30-10:50 - Coffe break
- 10:50-11:20 - Jacob Schuldt: Public-key Cryptography with Imperfect Randomness
- 11:20-12:10 - Phong Nguyen: Discussion - NIST's Post-Quantum Crypto
- 12:15-14:15 - Lunch
- 15:30-16:00 - research afternoon (work on proposals, papers, ... with your peers and let the organizers know about success stories)
- 15:30-16:00 - Coffe break

### Friday

- 9:15- 9:50 - Vinod Vaikuntanathan:  $\frac{1}{2}$  FHE from DDH
- 9:50-10:30 - Suzanna Schmeelk: On Android Security
- 10:30-11:00 - Coffe break
- 11:00-11:40 - Fabrice Benhamouda: Diverse Moduls in Zero Knowledge
- 11:40-12:15 - Alexander Koch: Computational Arithmetic Secret Sharing
- 12:15-14:15 - Lunch