DAY 1 - Monday

- **Breakfast: 7:30 – 8:45 a.m.**
- Program (9:00 am to 12:00 am): 3 hours (- 30-minute break): 2:30 hours
  - (90min) 2-minute introduction talks from a shared slide deck
    - Upload 1 slide introducing yourself to Dagstuhl share by Sunday evening
  - 30-minute break
  - (45min) Yannis Smaragdakis on "Smart Contract Vulnerabilities and Analysis"
- **Lunch: 12:15 p.m.**
- Program (1:30 pm - 3:00 pm): 1:30 hours
  - (45min) Matteo Maffei on "Sound Static Analysis of Smart Contracts"
  - (45min) Bryan Ford on "Consensus for Decentralized Ledgers"
- **Cake and coffee:** 3 p.m. – 4 p.m.
- Program (4:00 pm to 5:30pm): 1:30 hours
  - (45min) Wolfgang Grieskamp on "Verifying Smart Contracts with the Move Prover"
  - (45min) Grigore Rosu (remote) on "K"
- **Dinner: 6 p.m.**

DAY 2 - Tuesday

- **Breakfast: 7:30 – 8:45 a.m.**
- Program (9:00 am to 12:00 am): 3 hours (- 30-minute break): 2:30 hours
  - (45min) Massimo Bartoletti (remote) on "Smart Contracts in Bitcoin and BitML"
  - (35min) Leo Alt on "Formally Verifying Ethereum Smart Contracts by Overwhelming Horn Solvers"
  - (10min slack)
  - 30-minute break
  - (25min) Ilya Sergey (remote) on "Sharding Smart Contracts"
  - (25min) Valentin Wuestholz on "Checking Properties of Smart Contract Systems"
  - (10min slack)
- **Lunch: 12:15 p.m.**
- Program (1:30 pm - 3:00 pm): 1:30 hours
  - (25min) Alex Nutz
  - (25min) Albert Rubio on "Formal Methods in ZK Protocols: Challenges in the Circom Programming Language"
  - (20min) Phil Wadler (remote) on "UTxO vs Accounts"
  - (20min slack)
- **Cake and coffee:** 3 p.m. – 4 p.m.
- Program (4:00 pm to 5:30pm): 1:30 hours
  - (25min) Elvira Albert on "The GASOL Project: A GAS Optimization Toolkit for Ethereum Smart Contracts"
  - (25min) Igor Konnov (remote) on "Testing Cosmos Applications with TLA+ and Apalache"

- ○ (15min) Diego Garbervetsky on "Summary of Collaboration with Open Zeppelin"
  - ○ (25min slack)
- **Dinner: 6 p.m.**

DAY 3 - Wednesday

- **Breakfast: 7:30 – 8:45 a.m.**
- Program (9:00 am to 12:00 am): 3 hours (- 30-minute break): 2:30 hours
  - ○ (25min) Fritz Henglein on "Smart contract = contract + control + settlement"
  - ○ (25min) Marco Eilers on "Rich Specifications for Ethereum Smart Contract Verification"
  - ○ (25min) Isabel Garcia-Contreras on "Modular Verification of Memory-Manipulating Programs"
  - ○ (15min slack)
  - ○ 30-minute break
  - ○ (25min) Neville Grech
  - ○ (25min) Josselin Feist on "Building a Practical Static Analyzer for Smart Contracts"
  - ○ (10min)
- **Lunch: 12:15 p.m.**
- Excursion

DAY 4 - Thursday

- **Breakfast: 7:30 – 8:45 a.m.**
- Program (9:00 am to 12:00 am): 3 hours (- 1h break): 2 hours
  - ○ (25min) Ankush Das (remote) on "Resource-Aware Session Types for Digital Contracts"
  - ○ (25min) Yi Li (remote) on "Towards Automated Verification of Smart Contract Fairness"
  - ○ (10min slack)
  - ○ 1h break + Informal topic discussions
  - ○ (25min) Akos Hajdu (remote) on "solc-verify: A Modular Verifier for Solidity Smart Contracts with SMT-Friendly Memory Models"
  - ○ (25min) Yoni Zohar (remote) on "Int-Blasting"
  - ○ (10min slack)
- **Lunch: 12:15 p.m.**
- Program (1:30 pm - 3:00 pm): 1:30 hours
  - ○ Topic discussions
- **Cake and coffee:** 3 p.m. – 4 p.m.
- Program (4:00 pm to 5:15pm): 1:15 hours
  - ○ (25min) Jing Chen (remote) on "Speculative Smart Contracts"
  - ○ (25min) Aniket Kate (remote) on "Crypto-economics by Combining Cryptography and Smart Contracts"

- - (10min) Arthur Gervais on "On the Just-In-Time Discovery of Profit-Generating Transactions in DeFi Protocols"
    - (15min slack)
  - **Dinner: 6 p.m.**

DAY 5 - Friday

- **Breakfast: 7:30 – 8:45 a.m.**
- Program (9:00 am to 11:00 am): 2 hours (- 30-minute break): 1:30 hours
  - (25min) Grzegorz Fabianski
  - (25min) Sophie Rain
  - (10min slack)
  - 30-minute break
  - (25min) Nikolaj Bjorner
  - (5min slack)
- **Lunch: 12:15 p.m.**