

# Blockchains and Economic Design I

The first workshop of the Center for Blockchains and Economic Markets will be held on **December 12-13, 2019**.

The workshop takes place in Auditorium B at the Geocenter on Øster Voldgade 10, 1350 København K. If you travel by train or metro, go to Nørreport station and then follow Øster Voldgade past the Botanical Gardens (10 minutes/800 meter walk). The dinner is held at Madklubben Frederiksberg, Solbjergsvej 6, 2000 Frederiksberg. To get there, take the metro from Nørreport to Frederiksberg station.

Practicalities such as reimbursements should be addressed to Elsebeth Vidø. For all other inquiries, please contact Jens Leth Hougaard. See [bcm.ku.dk](http://bcm.ku.dk) for additional information.

In the schedule below, tutorials are marked T, paper presentations P, and idea sketches S.

Thursday Dec 12		Friday Dec 13	
0900	Welcome	0915	Sarah Meiklejohn <i>Standardization in blockchains</i> T
0915	Ivan Damgaard T <i>Introduction to multiparty computation for economists</i>	1000	Break
1000	Break	1030	Hervé Moulin P <i>Guarantees in fair division: part 1</i>
1030	Jesper Buus Nielsen T <i>Consensus algorithms for blockchain</i>	1100	Anna Bogomolnaia P <i>Guarantees in fair division: part 2</i>
1115	Jens Gudmundsson P <i>Reciprocity in decentralized mining pools</i>	1130	Jens Leth Hougaard P <i>Optimal management of evolving hierarchies</i>
1200	Lunch	1200	Lunch
1300	Omri Ross <i>Applied blockchain, stable coins and financial securities</i>	1300	Liu Zhang Chen-Da P <i>A simple model for synchronous protocols</i>
1345	Ran Canetti P <i>Law and algorithms: A cryptographic lens</i>	1330	Eduardo Soria-Vazquez P <i>How to spot a bad party (in MPC, like a BOSS)</i>
1415	Break	1400	Peter Norman Sørensen S <i>Information aggregation with blockchain</i>
1445	Mohsen Pourpouneh P <i>Auctions with the aid of blockchain</i>	1415	Break
1515	Claudio Orlandi P <i>Sharing information with competitors</i>	1445	Trine Tornøe Platz S <i>Smart contracts from a game-theory perspective</i>
1545	Matteo Campanelli P <i>On blockchains with succinct and local state</i>	1500	Kurt Nielsen S <i>Markets for delegated trust</i>
1830	Dinner at Madklubben	1515	Aleksandrs Smilgins S <i>Allocation techniques and matching</i>
		1530	Adam Hansen S <i>Blockstreaming: incentivised consensus</i>
		1545	Discussion and finishing remarks