



Blockchain Workshop

Theory & Practice

Organized by CERSA / CNAM / Berkman (TBD)



Paris, 21-22 January, 2019

Conservatoire National des Arts & Métiers (CNAM)

292 Rue Saint-Martin - 75003 Paris, France

Overview:

Blockchain technology has led to the emergence of new peer-to-peer infrastructures for distributed coordination, enabling new ways of exchanging value and recording information in a secure and decentralized manner. It is regarded by many as a **disruptive technology** that could lead to a new wave of **disintermediation**, changing the way in which people work and organize themselves.

However, blockchain technology is **still immature** and its adoption remains limited to only a few fields of endeavor. Despite the recent popularity (or hype) surrounding the technology, its potential cannot be achieved without the involvement of multiple stakeholders both from the private and public sector: technologists, entrepreneurs, lawyers, policy makers, and regulators, all need to work together in order to better understand the **social, legal, and political implications** of blockchain technology.

This forum will convene various **scholars and practitioners** from different backgrounds and academic fields in order to bring more clarity regarding the current state of affairs and the future directions of blockchain technology.

21 January

Note: all speakers are tentative speakers



—Theory—

8:30 - 9:00 Breakfast and registration

9:00 - 10:00 **Opening Keynote**

Vitalik Buterin (Ethereum Foundation) | [Charles Nesson](#) (BKC)

10:00 - 11:30 Panel 1: **Working Theories: what worked and what didn't work** (debate-style)

[Emin Gun Sirer](#) (IC3), [Arvind Narayaram](#) (CITP), [James Mickens](#) (Berkman-Klein)

11:30 - 13:00 Panel 2: **New economic models, between coopetition and tokenomics**

*[Robin Hanson](#) (George Mason Uni), [Glen Weyl](#) (Princeton), [Eric Posner](#) (Chicago)
[Oliver Hart](#) (Harvard), [Bengt Holmström](#) (MIT), [Jean Tirole](#) (TSE)*

13:00 - 14:00 Lunch

14:00 - 15:30 Panel 3: **Governance of/by blockchain**

*[Odysseas Slavounis](#) (Oxford), [Samer Hassan](#) (Berkman-Klein), [Wessel Reijers](#) (EUI),
[Antoine Garapon](#)*

15:30 - 17:00 Panel 4: **Blockchain & Regulation- where are we headed?**

*[Nikkolas Guggenberger](#) (Yale), [Patrick Murck](#) (Berkman-Klein), [Carla Reyes](#) (G.
Washington Uni)*

17:00 - 17:30 Break

17:30 - 18:30 **Closing Keynote**

[Edward Felten](#) (Princeton) | [Yochai Benkler](#) (Berkman-Klein), [Luciano Floridi](#), [Nick Bostrom](#),

18:30 - 19:30 **Foresight: a peek into the future**

[Cory Doctorow](#) | [Neal Stephenson](#) | [Joi Ito](#) | [Jonathan Zittrain](#) (invited)

19:30 **Reception** at the Art & Métiers Museum

Note: all speakers are tentative speakers



22 January

—Practice—

8:30 - 9:00 Breakfast and registration

9:00 - 10:00 **Opening Keynote : Approaches for building stable tokens**

[Alex Lipton \(MIT\)](#)

10:00 - 11:00 **Practical assessment of blockchain-based applications**

David Marcus (Facebook), Jo Lang (IBM), Taavi Einaste (Nortal), Vincent Clerc (Maersk), Brian Behlendorf (Hyperledger)

11:00 - 12:00 **Smart tokenization, augmented currencies and directed money**

Olivier Rocca (Moneybydesign), Christophe Doré (Moneytrack)

13:00 - 14:00 **Lunch Keynote:** *[David Chaum](#)*

14:00 - 18:00 **Technical deep-dive :** Internal workshop, with selected technical audience

14:00 - 15:00 **Fireside chat:** Blockchain vs Distributed system—*Silvio Micali* vs. *[Margo Seltzer](#)*

14:00 - 18:00 **Parallel Workshops:**

- Consensus protocols (moderated by Silvio Micali)
- Scalability (moderated by Andrew Poelstra - Blockstream)
- Proof of Work/ Proof of Stake/etc. (moderated by Vincent Danos)

Note: all speakers are tentative speakers