

# TOKENOMICS 2019

MAY 6<sup>th</sup> and 7<sup>th</sup>  
PARIS

## ORGANIZING INSTITUTIONS



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A S S E T H



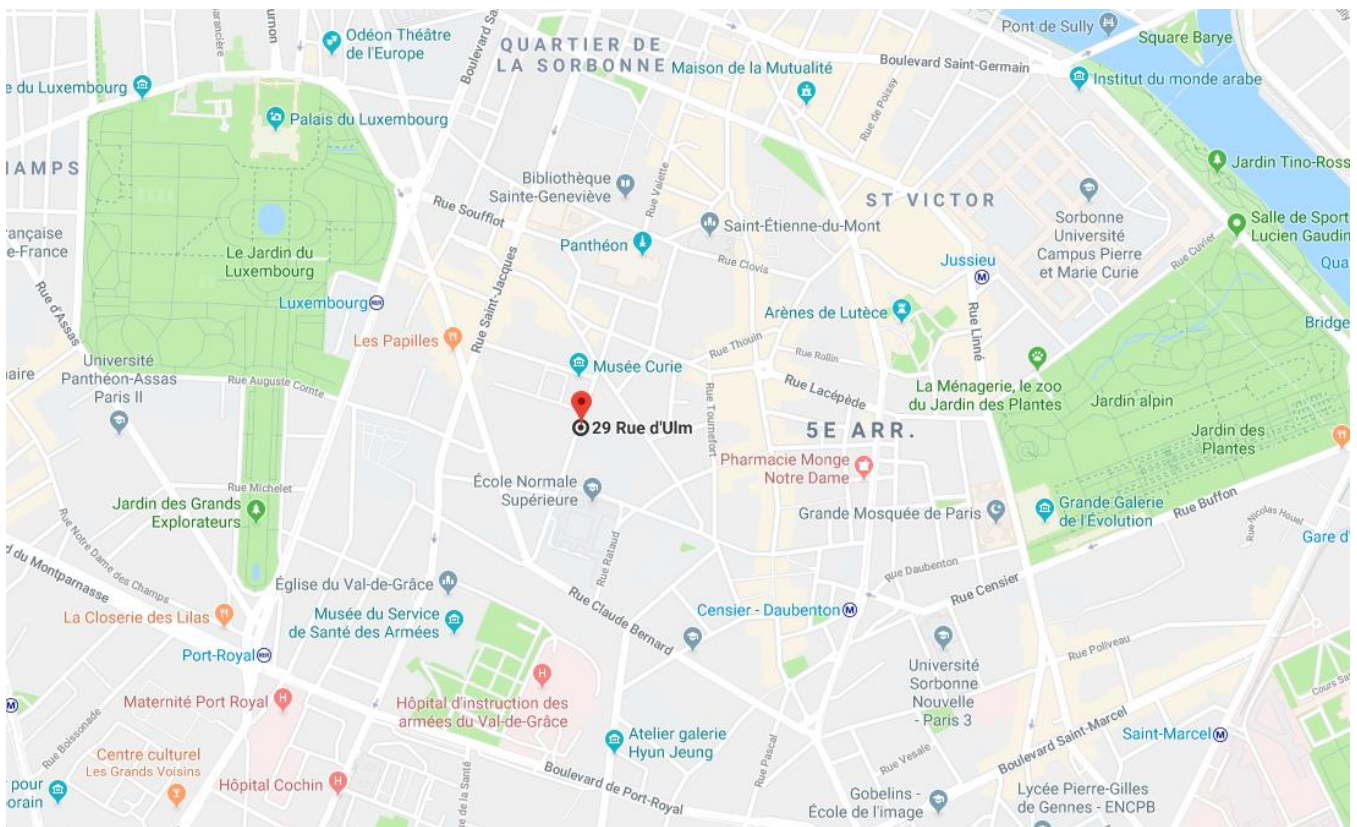
KAIKO

<b>Monday 6<sup>th</sup> May</b>	
<b>9:00 – 11:00</b>	<b>Consensus</b>
	<ul style="list-style-type: none"> <li>• "The Stability and the Security of the Tangle", Quentin Bramas (ICUBE, University of Strasbourg, CNRS)</li> <li>• "Selfish Mining and Dyck Words in Bitcoin and Ethereum Networks", Cyril Grunspan (Léonard de Vinci, Pôle Universitaire), Ricardo Pérez-Marco (CNRS, IMJ-PRG, Paris, France)</li> <li>• "The Gap Game", Itay Tsabary (Technion), Ittay Eyal (Technion)</li> <li>• "Democratising blockchain: A minimal agency consensus model", Marcin Abram, Daniel Honerkamp, Jonathan Ward, Jin-Mann Wong (Fetch.AI)</li> </ul>
<b>11:00 – 11:15</b>	Coffee Break
<b>11:15 – 12:15</b>	<b>Invited Talk</b>
	<p>"Demystifying Blockchains: Decentralized and Fault-tolerant Storage for the Future of Big Data?" Amr El Abbadi (University of California Santa Barbara)</p>
<b>12:15 – 13:00</b>	Lunch
<b>13:00 – 15:00</b>	<b>Smart Contracts and Applications</b>
	<ul style="list-style-type: none"> <li>• "Atomic Appends: Selling Cars and Coordinating Armies with Multiple Distributed Ledgers", Antonio Fernández Anta (IMDEA), Chryssis Georgiou (University of Cyprus), Nicolas Nicolaou (University of Cyprus)</li> <li>• "B-CoC: A Blockchain-based Chain of Custody for Evidences Management in Digital Forensics", Silvia Bonomi, Marco Casini, Claudio Ciccotelli (Sapienza University of Rome)</li> <li>• "A Puff of Steem: Security Analysis of Decentralized Content Curation", Aggelos Kiayias (University of Edinburgh and IOHK), Benjamin Livshits (Imperial College of London), Andrés Monteoliva Mosteiro (University of Edinburgh and Clearmatics), Orfeas Stefanos Thyfronitis Litos (University of Edinburgh)</li> <li>• "An Empirical Study of Speculative Concurrency in Ethereum Smart Contracts", Vikram Saraph, Maurice Herlihy (Brown University)</li> </ul>
<b>15:00 – 15:15</b>	Coffee Break
<b>15:15 – 16:15</b>	<b>Invited Talk</b>
	<p>"Tokenomics: Dynamic Adoption and Valuation" Lin William Cong (University of Chicago Booth School of Business)</p>
<b>16:15 – 16:30</b>	Coffee Break
<b>16:30 – 18:30</b>	<b>Initial Coin Offerings</b>
	<ul style="list-style-type: none"> <li>• "Tokenomics: When Tokens Beat Equity", Andreas Park (University of Toronto), Katya Malinova (DeGroote School of Business, McMaster University)</li> <li>• "Entrepreneurial Incentives and the Role of Initial Coin Offerings", Rodney Garratt (UC Santa Barbara), Maarten vanOordt (Bank of Canada)</li> <li>• "Financial Incentives for Open Source Development: The Case of Blockchain", Andre Canidio (IMT)</li> <li>• "Funding New Ventures with Digital Tokens: Due Diligence and Token Tradability", Yannis Bakos, Hanna Halaburda (NYU Stern School of Business)</li> </ul>

<b>Tuesday 7<sup>th</sup> May</b>	
<b>9:30 – 11:00</b>	<b>Cryptography and Security</b>
	<ul style="list-style-type: none"> <li>• "MixEth: efficient, trustless coin mixing service for Ethereum", István András Seres, Dániel A. Nagy, Péter Burcsi (Eötvös Loránd University), Chris Buckland (King's College London)</li> <li>• "A Smart Contract Oracle for Approximating Real-world, Real Number Values", William George, Clément Lesaege (Kleros Cooperative)</li> <li>• "The Impact of Ethereum Throughput and Fees on Transaction Latency during ICOs", Michael Spain, Sean Foley (University of Sydney), Vincent Gramoli (University of Sydney &amp; Data61)</li> </ul>
<b>11:00 – 11:15</b>	Coffee Break
<b>11:15 – 12:15</b>	<b>Invited Talk</b>
	<p>"Flexible BFT: Separating BFT Protocol Design from the Fault Model" Dahlia Malkhi (VMware Research)</p>
<b>12:15 – 13:00</b>	Lunch
<b>13:00 – 15:00</b>	<b>Cryptocurrencies</b>
	<ul style="list-style-type: none"> <li>• "Pitfalls of Bitcoin's Proof-of-Work: R&amp;D Arms Race and Mining Centralization", Humoud Alsabah, Agostino Capponi (Columbia University)</li> <li>• "Decentralized Mining in Centralized Pools", Jiasun Li (George Mason University), Lin William Cong (University of Chicago, Booth School of Business)</li> <li>• "Currency Substitution under Transaction Costs", Linda Schilling (Ecole Polytechnique), Harald Uhlig (University of Chicago)</li> <li>• "The Economics of Cryptocurrencies -- Bitcoin and Beyond", Thorsten Koepl (Queen's University), Jonathan Chiu (Bank of Canada)</li> </ul>
<b>15:00 – 15:15</b>	Coffee Break
<b>15:15 – 16:15</b>	<b>Invited Talk</b>
	<p>"Equilibrium Bitcoin Pricing" Catherine Casamatta (Toulouse School of Economics)</p>
<b>16:15 – 16:30</b>	Coffee Break
<b>16:30 – 18:00</b>	<b>Incentives</b>
	<ul style="list-style-type: none"> <li>• "Towards a Functional Fee Market for Cryptocurrencies", Soumya Basu (Cornell University Department of Computer Science, IC3), David Easley (Departments of Information Science and Economics, Cornell University), Maureen O'Hara (College of Business, Cornell University, IC3), Emin Gün Sirer (Cornell University Department of Computer Science, IC3)</li> <li>• "Cryptocurrency Egalitarianism: A Quantitative Approach", Dimitris Karakostas, Aggelos Kiayias (University of Edinburgh and IOHK), Christos Nasikas (University of Athens and "Athena" Research Center), Dionysis Zindros (University of Athens and IOHK)</li> <li>• "F1 Fee Distribution", Dev Ojha (UC Berkeley), Christopher Goes (Tendermint)</li> </ul>

# CONFERENCE VENUE

**Ecole Normale Supérieure, 29 rue d'Ulm**



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