Day 1 - March 3th

Time	Théâtre	Monge	Saint-Germain	Bièvre	Sorbonne	Workshop Poissy	Workshop Pontoise
9:00–9:25	PORTES OUVERTES						
9:30–9:55	OPENING SPEECH Jérome de Tychey						
10:00–10:20	Aidan Hyman: "lessons learnt from building blockchains"	Mel Gelderman: "The New Economic Paradigm"	Will Villanueva: "Phase2 Update from Quilt"	Laurence Kirk: "Overview of Zero Knowledge Proofs"	[FR] Simon Polrot : "Les actifs numériques ou la révolution de la valeur numérisée"	Alex Masmejean & Manu Alzuru: "Marketing Ethereum with a new DAO"	Workshop Zero to Hero by ConsenSys team: Dounia Agharbi, Amelie Chatelain, Stephane Coquet &Alexis Masseron
10:25–10:45	Lasse Clausen: "Token Maximalism"		Hsiao-Wei Wang, Cari Beekhuizen, Dankrad Feist, Diederik "Protolambda" Loerakker: "Eth2Real Workshop"		[FR] Mounir Benchemled, Brice Berdah, Arthur Micoulet: "La finance décentralisée : vers une nouvelle finance plus transparente"		
10:50–11:10	Dan Guido: "Securing smart contracts with Crytic":	VIDEO CONF : Deniz Omer: "The growth of DeFi as seen through on-chain data"		Markus Franke: "Algorithmic Stablecoins"			
11:15–11:45	Harry Halpin:"Nym: How to decentralize network-level privacy using cryptoeconomics"	Jacek Czarnecki: "Legal Troubleshooting for DeFi Projects: Data & Results"		Thomas Piellard: "introducing gnark, a fast zero knowledge proof library"	[FR] Nathan Sexer, Nicolas Julia, Pierre-Nicolas Hurstel, Nicolas Pouard : "Le potentiel des actifs uniques ou tokens non-fongibles (NFT)"	Iuri Matias & Rob Stupay: "Plugins & Workflows in Remix"	
11:55–12:45	Vitalik Buterin: " Funding ecosystem public goods"	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
12:50–13:15	LUNCH BREAK	Daniela Osorio: "Secrets, Lies, & Spies: A History of Ciphers"		Kazuaki Ishiguro: ""C.R.E.A.M, zk-SNARK based protocol for public elections system""		Antoine Scalia: "Building a compliant and accounting-ready bookkeeping system for Decentralized Finance"	Ashleigh Schap: "Biz Dev 101: Strategies for Scaling "
13:20–13:45	Fireside Chat: Joe Lubin, moderated by Jerome de Tychey: "Topic: Why Open Source is the Future of Finance"	Alex Van De Sande: "Better UX through meta transactions – lessons from our experience building Universal Login"	Tomasz Stanczak: "Ξ2DΦ"	William George: "Schelling Games and the Theory of Voting Systems"	[FR] Philippe Honigman, Alex Masmejean, Louis Giraux, Kris Decoodt, Jenna Zenk: "Organisation collective sur blockchain : que faire avec une DAO en 2020 ?"		
13:50–14:25	Eli Ben Sasson: "The State of STARK Tooling"	Justin Ahn: "Shifting from "Equity" to "Shared Value Agreements""	Vincent Le Gallic: "Meta-Transaction, Pandora's box or weapon of mass adoption?"	Georgios Konstantopoulos: "Against DeFi Oracles"		Ethereum Cat Herders: "Growing the Herd: How You Can Contribute to Ethereum as a Cat Herder"	Enrico Mariotti: "Blockchain as a Service product market fit"
14:05–14:35		Bogdan Habic: "Fantastic metrics and where to find them"	Yalda Mousavinia: "DAOs without established legal entities are too early to be practical"	Alex Gluchowski: "Zinc: developer-friendly programming framework for zero-knowledge proofs"	[FR] Simon Polrot, Alexandre Stachtchenko, William O'Rorke : "Conclusion : La France et la Blockchain"		
14:40–15:00	Vlad Zamfir: "Liveness in CBC Casper"				Gauthier Zuppinger: "Collectibles, Crypto-gaming, Non-fungible tokens: state of the economics"		
14:55–15:20		Aleeza Howitt: "People Powered Money on the Trustlines Network"	Dean Eigenman & Oskar Thoren: "From Whisper to Waku"	Kevin Jeong: "zk-DEX"	Vidal Chriqui:"How to embed crypto incentive in your enterprise process ? Example with cruise booking"		Zachary Cole: "Ethereum Protocol Development With Whiteblock Genesis"
15:25–15:45		Mathias Baumann & Erik Kundt: "What's new in Solidity"	Nicolas Maurice: The reference Enterprise blockchain Architecture, integrating with PegaSys Orchestrate	Mounir Benchemled: "How aggregation will improve liquidity on DEXs"	Zhen Yu Yong: "The Path to Decentralized Custody"	Patrick Ventuzelo: "Reversing eWasm contract 101"	Philipp Langhans: "Grid v2: Ethereum Infrastructure as Code"
15:50–16:10	Stefan George: "Omen - Solving the Prediction Market Liquidity Problem - by dxDAO"	Richard Moore: "ethers.js - A compact, simple and complete Ethereum library"	Felipe Faraggi: "Onchain and Offchain Permissionining with Besu"	Will Harborne: "Scaling a DEX with Zero-Knowledge Proofs"	Rusitschka Sebnem: "Electraseed Fund - Decentralized Finance to Accelerate Access to Clean Energy in Global South & North"		
16:15–16:35	Dennison Bertram "#LoCoNoCo: How No-code and Lo-Code tools will take Ethereum mainstream"	Sebastien Borget: "Empowering Creators with Blockchain and Non-Fungible Tokens"	Zac Williamson: "SNARK-Led Privacy on Ethereum"	François-René Rideau: "Simple Formally Verified DApps—and not just Smart Contracts"	Nikola Madjarevic: "Web3.0: Transforming the Human Web from 0 to a 1 Sum Game"	Nicholas Rodrigues Lordello: "Type-safe Smart Contract Interactions From Rust"	

Day 1 (continued)

Time	Théâtre	Monge	Saint-Germain	Bièvre	Sorbonne	Workshop Poissy	Workshop Pontoise	Time
16:50								16:50
16:55	Clément Lesaege: "Proof Of Humanity, a Sybil-resistant list of humans"	Shiv Malik: "Monetizing Browsing Data with Swash"		Afri Schoedon: "Why you don't want to develop on Ropsten"		Christoph Mussenbrock: "Decentralized Insurance - reaching adoption by thousands of smallholder farmers in Sri Lanka"		16:55
17:00			Elizabeth Kukka: "Interoperability and multi-faceted Enterprise solutions"		Raphaël Mazet: "Impact Delivery Agreements: a new protocol for investable bounties"			17:00
17:05							Justin Drake: "Crash course in polynomial commitments"	17:05
17:10								17:10
17:15								17:15
17:20				Sergii Kravchenko: "ERC20 Misbehaviors"		Antoine Herzog: "presentation of Universal Chain Registry / interchain initiative"		17:20
17:25			Nicolas Massart: "Closing the enterprise feedback loop"					17:25
17:30								17:30
17:35								17:35
17:40	Simona Pop: "Community building and crypto incentives"	Theophile Villard: "Connecting Gasless Multisigs to Protocols"		Philipp Langhans: "Ethereum Flavored Packages"	Gorka Irazoqui & Mario Cao: "Decentralized workload distribution with VRFs and algorithmic reputation systems"			17:40
17:45								17:45
17:50								17:50
17:55								17:55
18:00								18:00
18:05								18:05
18:10	Clark Jonjon: "Using NFT's and radical economics to save animals"	Cayman Nava: "Navigating Eth2 with Simple Serialize"	Fabian Vogelsteller: "LUKSO - The Blockchain for new creative economies"		Nicolas Maurice: "The reference Enterprise blockchain Architecture, integrating with PegaSys Orchestrate"			18:10
18:15								18:15
18:20				Oliver Beige: "Combinatorics and cryptoeconomics"				18:20
18:25								18:25
18:30		Marc Beunardeau: "Integration of the Sapling protocol in Tezos"						18:30
18:35					...capitalize on the ultra-low interest rates in EU and value settlement over the ETH network / Opening the box of new...			18:35
18:40			Barnabé Monnot: "RIG Bouillabaisse: Incentives in eth2 and beyond"					18:40
18:45								18:45
18:50								18:50
18:55								18:55

CLOSING (19:00 – 19:20)

Day 2 - March 4th

Time	Théâtre	Monge	Saint-Germain	Bièvre	Sorbonne	Workshop Poissy	Workshop Pontoise	Time
09:00								09:00
09:00–09:25			**PORTES OUVERTES**					09:00–09:25
09:30	Evan Van Ness: "The Ethereum Community in 2020"	Juuso Takalainen: "Adventures in Layer 2"	Lukas Schor: "The next frontier for DeFi: How Multisigs will bring the next $1B to decentralized finance"	Joe Petrowski: "Sharded Security Model of Polkadot"	Arnaud Grunthaler: "New French regulatory framework for Digital Assets Services Providers"		Bruno Škvorc: "Building your own blockchain in under an hour"	09:30
09:55	Sonja Prstec: "Potential legal implications of Proof-of -stake based networks"	VIDEO CONF ? Karl Floersch: "Optimistic Virtual Machine: Full Ethereum Smart Contracts with Optimistic Rollup"	VIDEO CONF? Seyedehmahsa Moosavi: "Demystifying Stablecoins: Cryptography meets monetary policy"	Daniel Luca: "Ether Wars Exploits Counter Exploits and Honeypots"		Simona Pop & Unicef : Web 3 Journey		09:55
10:30			Friederike Ernst: "A prediction market is not a prediction market is not a prediction market: A short taxonomy of prediction markets based on technological underpinnings"		Xavier Lavayssière: "Architectural design of institutional digital currencies"		Victor Baranov: "How to deploy and customize BlockScout blockchain explorer"	10:30
10:50	Griff Green: "Incentivizing Funding for Public Goods"	Claudia Bartoli Duncan: "Bridging non PoW/PoS sidechains with Ethereum"		Gorka Irazoqui: "The case against using TEEs in your crypto project"				10:50
11:05			Badri Natarajan: "Seven Deadly Sins: Managing Legal & Regulatory Risk in DeFi"		William O'Rorke: "How to talk with a regulator?"			11:05
11:20							Philippe Métais: "Semaphore : Zero-Knowledge Signaling"	11:20
11:30		Federico Ast: "Layer 2 for Dapps: When Decentralized Protocols Meet the Real World"		Patrick Mccorry: "Towards Self-Custody on Exchanges"				11:30
11:45	John Shipton: "Pan European and Global problem of intimidation and oppression"		Hugh Karp: "Managing Risk in DeFi"	Willem Van Den Brandeler: "Cryptocurrency Crime and Compliance in 2020"		Benjamin Canou: "Tezos, the Blockchain that evolves"		11:45
11:50				Guy Zyskind: "Salad: Transactional Privacy on Ethereum with Enigma"				11:50
12:20			Lefteris Karapetsas: "TBD - But will be related to Rotki"	Liraz Siri: "Hacking Tornado. cash to support gasless token mixing with GSN2"				12:20
13:05		**LUNCH BREAK**			**LUNCH BREAK**		**LUNCH BREAK**	13:05
13:15		Jonas Rubel: "Tokenization in Professional Sports - TBD"						13:15
13:20	**LUNCH BREAK**				Pedro Lopez-Belmonte: "Ethereum, privacy and Enterprise Blockchain Solutions"			13:20
13:25							Annet Rolikova : "Introduction:	13:25
13:40	Ryan Gittleson: "Trust and Transparency in Online Gaming"		**LUNCH BREAK**					13:40
13:50		Aditya Asgaonkar: "Design Choices in Eth2.0"					Felipe Faraggi, Greg Jeanmert, William Schwab: "Ethereum Magicians : Running an Ethereum Mainnet..."	13:50
13:55				**LUNCH BREAK**	Ben Jones: "Neobanking: DeFi's secret weapon"			13:55
14:00	Megan Knab: "DAO Economics - Balance Sheet Considerations"			Moshe Malawach: "Decentralized application and devices with Aleph.IM and Ethereum"				14:00
14:10								14:10

Day 2 (continued) — Schedule

Time	Théatre	Monge	Saint-Germain	Bièvre	Sorbonne	Workshop Poissy	Workshop Pontoise
14:15			Vlad Zamfir: "Permissionless Decentralization and The Law"	Ethereum	Ken Ng: "The Ethereum Foundation's Ecosystem Support Program: A look at how it works to serve the Ethereum community"	LUNCH BREAK	Node"
14:20–14:40	Stani Kulechov: "Flash Loans: The Good, the Bad, and the Ugly"	Sean Brennan: "Infura Versus: tool for benchmarking Web3 providers (remote and local)"		Shimon Newman: "Blockchain protocols for repatriation of stolen assets"		Marko Baricevic: "Rust smart contracts in Cosmos"	
14:45–15:10	Cameron Robertson:"How we think about storing crypto is broken"	Maksim Balashevich: "Decentralizing the generation of market alpha using blockchain data"	Mikerah Quintyne-Collins: "Validator Privacy in Eth2.0"	Dave Appleton: "Is the US Dollar or volatile crypto really the best store of value for international social enterprise projects?"	Alexis Collomb: "Security tokens, at last!"	Louis Guthmann & Nicolas Bacca: "Native Dapp support in wallets - the StarkEx case study with Ledger and WalletConnect"	Piper Merriam, Alexey Akhunov, James Hancock, Griffin Ichiba Hotchkiss: Ethereum Magicians - ETH1.x Stateless Ethereum"
15:15–15:40	Itamar Lesuisse & Julien Niset: "Smart contract wallets and mainstream adoption"	Makoto Inoue: "ENS Beyond Ethereum"	Zhivko Todorov: "Revenue generating Decentralized Organizations through bonding curves"	Ferit Tunçer: "Trustless Translation Freelancing"	Won Kim: "Creating the first Master's of Blockchain Project Design in France"		
15:45–16:15	Alex Masmejean:"How I Tokenized Myself, Twice"	Christian Reitwiessner: "Improving Wallet UX and Security through a Decentralized Metadata and Source Code Repository"	Julien Bouteloup: "The future of staking pools with Stake DAO by Stake Capital"	Kozlov Nikita: "Zeropool - privacy pool on Ethereum with ZK"	Richard Meissner: "Dapp proxy contracts - an overview"	Josef Jelacic: "Ethereum from product perspective"	Jamie Pitts, Greg Colvin: "Ethereum Magicians - Council"
16:20–16:45	Jason Goldberg: "Designing ethereum user experiences for humans"	Clement Hugbo: "The Essentiality of Product Design Concepts with dApps"	Phil Lucsok: "OpenEthereum: Transitioning Parity Ethereum to the community"	Ayodeji Awosika: "Leveraging African population to growing Ethereum Developer ecosystem"	Matheus Alencar: "Generalized Token Curated Registries: fighting corruption, fake news and beyond."		
16:50–17:25	Jenna Zenk: "Become a crypto fund manager on Melon "	Tobias Schubotz: "How popular are smart contract wallets, really?"		Johann Eid: "Securely Connecting Smart Contracts to Off-chain Data and Events "	Roman Semenov, Alexey Pertsev: "Non-custodial privacy solution for Ethereum"		
17:30–18:10	Jordi Baylina: "Big zkSNARKs circuits for zk-rollups with circom"	Lucas Vogelsang & Gustav Arentoft: "The next $10B in DeFi: Opening up our world to users in the real world"	Abbey Titcomb: "Towards decentralized alternatives for code collaboration"	Bhargava Shastry:"Fuzzing the Solidity compiler"			
				Joran Honig: "Mutation Testing for Smart Contracts"			
				Adrian Brink: "On-chain upgrades for incremental evolution of public decentralised blockchains"			
18:00–18:15		Cassidy Daly & Abbey Titcomb: "Putting the 'De' back in 'DeFi'"	Jonathan Wolff: "Setting up Ethereum Workflows with the Streamr Canvas"	Anastasia Andrianova: "Under-collateralised loan issuance using a DAO framework"	Daniel Nagy: "Decentralized User Account Management"		
18:20–18:35				Frankie Pangilinan: "The secrets your keys hold"	Kasimir Blaser: "Fixing Whisper with Waku"		
18:25–18:50			Fredrik Haga: "DeFi by the numbers (working title)"	Julien Beranger: "Amplifying the Web3 movement"	Jean-Baptiste Pleynet: "IBISA enabling the new generation of insurance for agriculture harnessing earth observation data and blockchain"		
18:40–18:55		Guillaume Felley: "Off-the-Chain transactions: Understanding the layer 2 landscape"					

CLOSING (19:00–19:15)

Day 3 - March 5th

Time	Théatre	Monge	Saint-Germain	Bièvre	Sorbonne	Workshop Poissy	Workshop Pontoise
09:00–09:25					PORTES OUVERTES		
09:30–09:50	Jorge Izquierdo: "Subjective agreements for DAOs"	Stephane Ifrah: "NapoleonX, 2 years an ICO"	Bob Summerwill: "A call for an end to tribalism in Ethereum - 2 years later"	Shayan Eskandari: "Transparent Dishonesty: front-running attacks on Blockchain"	Sasha Tanase: "That never even crossed my mind! How to spot & fix your cognitive biases"	Gonçalo Sá: "Blockchain Security 101 for the VC track"	Jacob Cresploch & Kelvin Paparos: "Hands on with Raiden and the Raiden Light Client"
09:55–10:15	James Pitts: "Magicians and Bureaucrats in the Ethereum Galaxy"			Eduardo Antuña Diez: "Perpetual Powers of Tau on SGX: a community zk-SNARKs Trusted Setup in TEE"	Marnix Van Den Bent: "Breaking down data silo's with Self-Sovereign Identity"	Joel Oed: "Make your dapp a meeting point for your community "	
10:15–10:30		Konstantin Kladko: "Running EVM on sidechains: five innovations"	Tim Beiko: "Moving to an EIP-Centric Process: a retrospective"	Robert Kiel: "HOPR as a metadata privacy foundation of the web3"			
10:35–10:55	Hayden Adams: "Uniswap V2"	John Adler: "Fuel - A Trustless Scalable Sidechain"	Guy-Louis Grau: "Keycard, an open framework for smart cards in crypto"	Bernhard Mueller: "Preventing Disaster: Advances in Smart Contract Vulnerability Detection"	Alex Stokes: "Eth1 meets Eth2: forecasting the future"		Robert Edström & Victor Bonhomme: "DeFi price feed: A simple, secure and affordable alternative"
11:00–11:25	Sacha Ghebali: "ETH Market Depth and Structure"	Alexei Zamyatin: "The Nuts, Bolts and Impossibility of Trustless Cross-Chain Communication"		Damian Rusinek: "Web Apps vs Smart Contracts :tools, vulns and standards [Introduction of SCSVS]"	Alex Gluchowski: "ZK Sync: user-centric approach to scalability with zero-knowledge proofs"	Lu Hua: "Using Conditional	Griff Green: "Intro to

Time	Track 1	Track 2	Track 3	Track 4	Track 5	Track 6	Track 7	Time
11:30		Communication"		Introduction of BCUTG		Tokens"	CryptoEconomic Simulation: cadCAD Beginners Workshop"	11:30
11:35	Christiane Ernst: "DEXs for a Multi-Token Future"				Alex Beregszaszi:"TBD"			11:35
11:40			Charles Guillemet: "The challenge of digital assets custody"					11:40
11:45								11:45
11:50								11:50
11:55								11:55
12:00		Léonard Lys: "Three way atomic cross chain swap"						12:00
12:05						Austin Griffith: "eth.build"		12:05
12:10								12:10
12:15			Thibaut Sahaghian: "Building the future of business banking with crypto"					12:15
12:20								12:20
12:25								12:25
12:30								12:30
12:35		Alex Bash: "Returns of Hodling versus DeFi-ing"	Anna George : "Self-custodial enterprises: Secure digital asset management for corporations"					12:35
12:40								12:40
12:45				LUNCH BREAK				12:45
12:50					LUNCH BREAK			12:50
12:55								12:55
13:00					Igor Barinov: "Arbitrary Message Bridge"			13:00
13:05				Piper Merriam: "Stateless Ethereum"				13:05
13:10								13:10
13:15								13:15
13:20					Jay Lee: "The limitation and potential of Blockchain/Ethereum game"			13:20
13:25								13:25
13:30								13:30
13:35								13:35
13:40	LUNCH BREAK			Sina Mahmoodi: "EVM Bytecode Merklization"				13:40
13:45	Seven Waterhouse: "How to Beat Surveillance Capitalism and Reclaim Your Privacy."							13:45
13:50		LUNCH BREAK			Alex Atallah: "Which type of smart contract should I choose for my collectibles?"			13:50
13:55								13:55
14:00		Christopher Goes: "Interblockchain Communication for Eth 2.0"	LUNCH BREAK					14:00
14:05			Daniel Robinson: "The Yield Protocol: On-Chain Lending with Interest Rate Discovery"					14:05
14:10								14:10
14:15	Simona Pop: "Enabling opportunity and choice where there are none"				Matias Nisenson: "Break it till you make it! CryptoWars is now scalable!"			14:15
14:20		James Waugh & James Duncan: "Building New Digital Communities, Coordination & Tooling"						14:20
14:25			Tomasz Stanczak: "Nethermind Data Marketplace for DeFI"	Alexey Akhunov: "Turbo-Geth and Stateless Ethereum"				14:25
14:30								14:30
14:35								14:35
14:40					Ronan Sandford: "Building a Game Fully On Chain"			14:40
14:45								14:45
14:50								14:50
14:55			Benajmin Bollen: "Removing state from Ethereum layer 1 to enable rich dApps like Pepo"					14:55
15:00	Ben Livshits: "Making Web3 Real with Brave"							15:00
15:05								15:05
15:10		Jean Yves Zie: "Extending Atomic Swaps for Interoperability"		Guillaume Ballet: "Scaling ethereum 1.x with WASM precompiles"	Shaban Shaame: "Game assets tokenisation done right (TBD)"			15:10
15:15								15:15
15:20			Mara Schmiedt: "TBD"					15:20
15:25								15:25
15:30				Silur: "Scaling storage with fountain codes"		Louis Guthmann & Tim Beiko: Cryptographic Precompile EIPs Workshop		15:30
15:35								15:35
15:40		Aleksander Leonard Larsen: "Building a free to play to earn game - The story of Axie Infinity"						15:40
15:45	Christopher Shen: "Blockchain Name Service"		Cassidy Daly: "The Gateway for Real-World Assets into the Blockchain Multiverse"					15:45
15:50								15:50
15:55					Peter Eulberg: "Overview of more than 15 Ethereum-based blockchains"			15:55
16:00								16:00
16:05								16:05
16:10	Martin Lundfall: "Smart contracts as inductive systems"		Chadwick Strange: "Building Effective Trustless Networks on Ethereum"	Adán Sánchez De Pedro Crespo: RADON: a domain-specific language for oracles				16:10
16:15								16:15
16:20		Julien Genestoux: "Monetizing through Membership, rather than attention"						16:20
16:25								16:25
16:30								16:30
16:35								16:35
16:40		Drew Harding: "MetaFactory - Decentralizing the ownership of brand economies and sale of custom, digi-physical apparel"		Felix Leupold: "Fair Price Finding In a Decentralized Exchange Economy"	Thomas Bertani: "TBD"			16:40
16:45								16:45
16:50								16:50
16:55	Mehdi Zerouali: "Lighthouse: Road to Eth2 mainnet"							16:55
17:00								17:00
17:05								17:05
17:10		Morten Rongaard: "How Ethereum will disrupt the gaming industry "						17:10
17:15			Chriss Sugg: "Cassandra Crossing the Diamond: Tips & Tricks for Aligning on Your Product"		John Crain: "A New Art Market"			17:15
17:20	Christoph Jentzsch: "Incubed - a crypto-economic minimal verification client"							17:20
17:25								17:25
17:30								17:30
17:35								17:35
17:40	Gilles Fedak: "Crazy Dapps you can build with iExec and Confidential Computing!"		Petar Jursic: "TBD (crypto powered socioeconomic systems?)"		Mike Barrow: "Openvino: tokenization, transparency, and traceability - an open-source winery in Argentina"			17:40
17:45								17:45
17:50		Amy Jung: "Evolving Design in Web3 through Open Source Principles"		Daniel Perez: "Broken Metre: Attacking Resource Metering in EVM"				17:50
17:55								17:55
18:00								18:00
18:05								18:05
18:10			Alex Bash: "Programmable bank account for DeFi"					18:10
18:15								18:15
18:20		Gregor Žavcer: "Dapp development on Swarm"		Jaye Harrill & Martinet Lee: "Is it still immutable in the context on CREATE2"				18:20
18:25								18:25
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18:45	CLOSING SPEECH JdT							18:45
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19:05				CLOSING				19:05
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