



**TRENDING**

CoinDesk Research Releases  
'Blockchains for Insurance'  
Report

**BITCOIN PRICE INDEX (24H)**



**USD** 0.68% ▲

**\$1,188.05**

**EUR** €1,124.84


**CNY** 1% ▲

**¥7,875.02**

**GBP** £956.25

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January 30-31, 2017 | San Francisco, CA

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## CONSTRUCT 2017 AGENDA

< **MONDAY JAN 30** (/construct2017/agenda)

VIEW

List

Expand View

TRACKS

- Protocol Dive
- Product Demo
- Workshop A
- Workshop B
- Welcome
- CTO Briefing
- Break

7:30am

**Registration and Breakfast** (/construct2017/agenda/session/153947)

7:30am - 8:45am Jan 30


Badge Pick-up & Registration


8:30am

**Welcome and Opening Remarks** (/construct2017/agenda/session/153948)

8:45am - 9:00am Jan 30

Day 1 Public Blockchains





**Ryan Selkis**  
Managing Director, CoinDesk  
(/construct2017/agenda/speakers/141234)


9:00am


**Public Blockchains & Decentralized Web** (/construct2017/agenda/session/153949)

9:00am - 11:00am Jan 30


The first blockchain was launched by Satoshi Nakamoto in 2009: bitcoin. In the eight years since, we've seen hundreds of iterations, extensions, and knock-offs available for the global

Read more







**Zooko Wilcox-O'Hearn**  
Founder, CEO, Zcash  
(/construct2017/agenda/speakers/151145)




**Hudson Jameson**  
Devops, Development, Comms, Ethereum Foundation  
(/construct2017/agenda/speakers/149023)







**Muneeb Ali**  
Co-Founder, Blockstack  
(/construct2017/agenda/speakers/149024)



**Juan Benet**  
Founder & CEO, IPFS  
(/construct2017/agenda/speakers/149035)





**Corv Fields**



Bitcoin Core Developer , MIT  
Media Lab

(/construct2017/agenda/speakers/149049)

11:00am



### Networking Break (/construct2017/agenda/session/153951)

11:00am - 11:15am Jan 30



### Enterprise Blockchains (/construct2017/agenda/session/156109)

11:15am - 12:45pm Jan 30

Many of the financial enterprise use cases originally cited for Bitcoin include the facilitation of international payments, clearing and settlement of assets, and automation of back-office

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**Brian Behlendorf**  
Executive Director , Hyperledger

(/construct2017/agenda/speakers/149063)



**Ryan Smith**  
Co-Founder & Chief Technology  
Officer, Chain

(/construct2017/agenda/speakers/149068)



**Stefan Thomas**  
Chief Technology Officer , Ripple  
Inc.

(/construct2017/agenda/speakers/149069)

12:30pm



### Lunch (/construct2017/agenda/session/153952)

12:45pm - 1:45pm Jan 30

1:30pm



### Complexity Creep (/construct2017/agenda/session/153958)

1:45pm - 3:45pm Jan 30

This talk covers complexity creep across cryptocurrencies and recommends possible solutions. From Bitcoin to Ethereum to even more bleeding-edge blockchains, we survey the sources of

[Read more](#)



**Jeff Garzik**  
Co Founder, Bloq

(/construct2017/agenda/speakers/151150)



**Matthieu Riou**  
Founder & CTO, BlockCypher

(/construct2017/agenda/speakers/150947)



**Justin Newton**  
Founder & CEO, Netki

(/construct2017/agenda/speakers/149589)



### Enforceable Smart Contracts (/construct2017/agenda/session/153961)

1:45pm - 3:45pm Jan 30

Smart contracts are a major topic of discussion and research across blockchain protocols, and auditability, oracles, and enforceability are major issues yet to be fully solved. What are the key

[Read more](#)



**Patrick Murck**  
Special Counsel, Cooley LLP

(/construct2017/agenda/speakers/151689)



**Hudson Jameson**  
Devops, Development, Comms,  
Ethereum Foundation

(/construct2017/agenda/speakers/149023)



**Thomas Bertani**  
Founder/CEO, Oraclize

(/construct2017/agenda/speakers/149575)

1

### Segregated Witness (/construct2017/agenda/session/153956)

1:45pm - 2:15pm Jan 30

The original blockchain has undergone many changes, seen many proposals, and inspired many new projects since inception. With the largest developer community and several major

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**Eric Lombrozo**  
Co-CEO & CTO, Ciphrex

(/construct2017/agenda/speakers/149565)

### Chain - Chain Core (/construct2017/agenda/session/153957)

1:45pm - 2:15pm Jan 30

Chain is a technology company that partners with organizations to build, deploy, and operate blockchain networks that enable breakthrough financial products and services. We are the

[Read more](#)



**Devon Gundry**  
Chief Product Officer, Chain

(/construct2017/agenda/speakers/149577)

2:00pm

1

### Privacy & Fungibility (/construct2017/agenda/session/161590)

2:15pm - 2:45pm Jan 30

Fungibility is crucial in a decentralized network like Bitcoin. The notion of "dirty" vs. "clean" money can cause serious user experience issues to the unsuspecting if at a later date a

[Read more](#)



**Andrew Poelstra**  
Mathematician, Blockstream

(/construct2017/agenda/speakers/149569)

### Chain - Confidential Assets (/construct2017/agenda/session/164733)

2:15pm - 2:45pm Jan 30

Blockchains protect the integrity of a ledger by requiring that all transactions be announced to all network participants. However, to maintain privacy, transactions must obfuscate or omit

[Read more](#)



**Oleg Andreev**  
Product Architect, Chain

(/construct2017/agenda/speakers/151653)

2:30pm

### Cosmos (/construct2017/agenda/session/164734)

2:45pm - 3:15pm Jan 30

Cosmos is a network and a framework for interoperability between blockchains. It consists of a web of hubs and zones, where each zone is effectively an independent blockchain with an

[Read more](#)



**Jae Kwon**  
CEO, Cosmos

(/construct2017/agenda/speakers/151655)



### Sidechains (/construct2017/agenda/session/161591)

2:45pm - 3:15pm Jan 30

The idea behind sidechains is to extend existing blockchains and enhance their privacy and functionality with the addition of features like smart contracts and confidential transactions.

[Read more](#)



**Gregory Sanders**  
Core Tech Engineer, Blockstream

(/construct2017/agenda/speakers/151147)

1

3:00pm

### Lightning (/construct2017/agenda/session/161592)

3:15pm - 3:45pm Jan 30

A key concept often referred to in scaling conversations revolves around taking some Bitcoin transactions off of the blockchain. Payment channels can be used to keep track of multiple

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**Joseph Poon**  
Co-Founder, Lightning Labs

(/construct2017/agenda/speakers/149570)

1

### Gem (/construct2017/agenda/session/161596)

3:15pm - 3:45pm Jan 30

By connecting our customers to shared infrastructure, we can build cross-industry applications based on strong identity and provable logic. Distributed Resource Registries, Multiparty

[Read more](#)



**Siva Kannan**  
VP Engineering, Gem HQ

(/construct2017/agenda/speakers/149578)



3:30pm

### Microsoft (/construct2017/agenda/session/161599)

3:45pm - 4:00pm Jan 30



As an open, flexible, and scalable platform, Azure supports a rapidly growing number of distributed ledger technologies that address specific business and technical requirements for  
[Read more](#)



**Cale Teeter**  
Senior SDE DX/TED, Microsoft

(/construct2017/agenda/speakers/151657)



**Eric Maino**  
Developer & Technical Architect,  
Microsoft

(/construct2017/agenda/speakers/151658)



### Networking Break (/construct2017/agenda/session/153953)

3:45pm - 4:00pm Jan 30

4:00pm



### Tezos (/construct2017/agenda/session/153960)

4:00pm - 4:20pm Jan 30

Our smart contract language makes it easier to apply formal verification to any smart contract running on the Tezos blockchain. This allows developers to rule out weaknesses in code before  
[Read more](#)



**Arthur Breitman**  
CEO, Tezos

(/construct2017/agenda/speakers/151194)



### Ethereum's Roadmap (/construct2017/agenda/session/153962)

4:00pm - 4:25pm Jan 30

Mist - The adoption of dApps by the general public will be core to the long term success of Ethereum and any and all decentralized application platforms. Alex van de Sande, UX designer  
[Read more](#)



**Alex Van de Sande**  
UX Designer , Ethereum  
Foundation

(/construct2017/agenda/speakers/149573)



### Taxonomy & Lexicon Standards in Blockchain Tech

(/construct2017/agenda/session/153959)

4:00pm - 6:00pm Jan 30

Standardizing the language and vernacular used in the rapidly growing blockchain ecosystem. Public blockchains, enterprise distributed ledgers, throughput, malleability, UTXOs,  
[Read more](#)



**Muneeb Ali**  
Co-Founder, Blockstack

(/construct2017/agenda/speakers/149024)



**Brian Behlendorf**  
Executive Director , Hyperledger

(/construct2017/agenda/speakers/149063)



**Neha Narula**  
Director of Research, Digital  
Currency Initiative

(/construct2017/agenda/speakers/149593)



**Meltem Demirors**  
Director, Development, Digital  
Currency Group

(/construct2017/agenda/speakers/149594)

## Auditing Smart Contract Security (/construct2017/agenda/session/153963)

4:00pm - 6:00pm Jan 30

Zeppelin is an open framework of reusable and secure smart contracts in the Solidity language. Getting into smart contract security patterns and best practices, and our implementation of

[Read more](#)



**Joseph Chow**

Consulting Engineer, ConsenSys

(/construct2017/agenda/speakers/151692)



**Arseniy Klempner**

Core developer & developer advocate, Zeppelin

(/construct2017/agenda/speakers/151697)



**Stuart Popejoy**

Founder, Kadena LLC

(/construct2017/agenda/speakers/151698)



## RSK (/construct2017/agenda/session/161600)

4:25pm - 4:45pm Jan 30

RSK is the first open-source smart contract platform with a 2-way peg to Bitcoin that also rewards the Bitcoin miners via merge-mining, allowing them to actively participate in the Smart

[Read more](#)



**Oscar Guindzberg**

Core developer, RSK

(/construct2017/agenda/speakers/149580)



## Casper (/construct2017/agenda/session/161594)

4:30pm - 4:55pm Jan 30

Ethereum is structured around four major intended phases, entitled Frontier, Homestead, Metropolis, and Serenity, building from a developer oriented bare bones software release in

[Read more](#)



**Vlad Zamfir**

Research Lead, Ethereum Foundation

(/construct2017/agenda/speakers/149574)



## Bloq - Drive Chain (/construct2017/agenda/session/161601)

4:50pm - 5:10pm Jan 30

Bloq delivers enterprise grade blockchain technology to leading companies worldwide.



**Paul Sztorc**

Economist, Bloq, Inc.

(/construct2017/agenda/speakers/151660)



## Smart Contracts, Oracles, & Auditable Off-Chain Data



4:30pm

5:00pm

(/construct2017/agenda/session/161595)

5:00pm - 5:25pm Jan 30

Oracles are crucial components of numerous smart contracts, tying real-world data and evaluation into a decentralized, blockchain based system. Thomas Bertani, CEO of Oraclize, will

[Read more](#)



**Thomas Bertani**  
Founder/CEO, Oraclize

(/construct2017/agenda/speakers/149575)



**Netki** (/construct2017/agenda/session/161602)

5:15pm - 5:35pm Jan 30

Adding identity and ease of use to any blockchain application with Netki. Netki's Digital ID Certificates and Wallet Names work across all public and private blockchains allowing users to

[Read more](#)



**Frank Contreras**  
Sr. Software Engineer, Netki

(/construct2017/agenda/speakers/149582)

5:30pm



**State Channels on Ethereum** (/construct2017/agenda/session/164727)

5:30pm - 5:55pm Jan 30

State channels, the buzzword of 2017, represents a paradigm shift in Ethereum dapp development. Dapps will be built to be "offchain first", using the blockchain only as a

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**Ameen Soleimani**  
Software Engineer, ConsenSys

(/construct2017/agenda/speakers/151647)

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**#construct2017**

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