AGENDA

Session times and content are subject to change

THURSDAY 2ND JULY

Colorado GMT-6	UTC	UK GMT+1	Track	Program
7:00	13:00	14:00	All tracks	Networking time
8:00	14:00	15:00	Main Auditorium	**Opening keynote: Charles Hoskinson**
9:00	15:00	16:00	Main Auditorium	**Wyoming is open** Tyler Lindholm, Wyoming House of Representatives, Caitlin Long, Wyoming Blockchain Select Committee, Chris Land, Wyoming Division of Banking. Albert Forkner, Wyoming Division of Banking, Steve Lupien, Beefchain, panel moderated by Jerry Fragiskatos
			The Science of blockchain	**An overview of IOHK research** Prof Aggelos Kiayias, Prof Elias Koutsoupias, Prof Alexander Russell, Prof Phil Wadler
			Delivering solutions for businesses and enterprises	**Integrating with Cardano: Adrestia - a gateway to the world** Alex Apeldoorn
			Supporting and building the Cardano community	**Applying open source principles to community management** Ben O'Hanlon, Cardano Foundation, Casey Monroe, Cardano Foundation
			Governance and regulation	**An effective, democratic approach to funding Cardano's long-term development** Prof Bingsheng Zhang
10:00	16:00	17:00	All tracks	Networking break
10:30	16:30	17:30	Main Auditorium	**Cryptocurrencies: Prospects for mainstream adoption. Is the future coexistence with fiat?** Mamuka Bakhtadze, former prime minister of Georgia, Paul Atkins, former commissioner, US Securities and Exchange Commission, panel moderated by Rod Alexander
			The Science of blockchain	**Ouroboros: Cardano's Proof of stake blockchain protocol.** Dr Christian Badertscher, Prof Aggelos Kiayias, Dr Vassilis Zikas, Prof Alexander Russell, Dr Peter Gaži

			Delivering solutions for businesses and enterprises	**How decentralised identity will drive economic inclusion** John O'Connor
			Supporting and building the Cardano community	**Cardano's footprint in global affairs: innovative community engagement** Dr Inon Schenker
			Governance and regulation	**Cardano's Governance model** Dr Dor Garbash
11:30	**17:30**	**18:30**	Main Auditorium	**Architecting the internet: what I would have done differently...** Vint Cerf, Internet pioneer and Google internet evangelist, Prof Aggelos Kiayias, panel moderated by Prof Philip Wadler
			The Science of blockchain	**Hydra: fast isomorphic state channels** Dr Matthias Fitzi, Dr Sandro Coretti-Drayton, Dr Manuel Chakravarty, Dr Philipp Kant, Rob Cohen
			Delivering solutions for businesses and enterprises	**Emurgo's dLab accelerator scheme and how to leverage Cardano** Heikki Vänttinen, Honeycomb, Nick Williams, Sempo, Nimesh Pinnamaneni, Helixworks, panel moderated by Nicolás Arqueros
			Supporting and building the Cardano community	**The Cardano Community ambassador program** Tiago Serôdio, Cardano Foundation
			Governance and regulation	**The changing legal landscape for cryptocurrencies: Where we were, where we are, and where we're going** Drew Hinkes, Carlton Fields, Patrick Murck, Berkman Klein Center, Harvard University, Dr Karin Lorez, Lorez Legal, Rebecca Rettig, FisherBroyles, panel moderated by Addison Cameron-Huff, co-founder of Toronto Blockchain Week
12:30	**18:30**	**19:30**	All tracks	Networking break
13:00	**19:00**	**20:00**	Main Auditorium	**ADA Pay: allowing merchants to accept Ada as a form of payment** Shahaf Bar-Geffen, Coti Group, Dr Nir Haloani, Coti Group
			The Science of blockchain	**Functional smart contracts on Cardano (Part 1)** Prof Phil Wadler, Dr Manuel Chakravarty, Prof Simon Thompson
			Delivering solutions for businesses and enterprises	**Coffee traceability solution for Blue Korintji Coffee in Indonesia** Shunsuke Murasaki, Emurgo
			Supporting and building the Cardano community	**Emurgo's education programs** Ellappan Venkatesan, Emurgo

			Governance and regulation	**How to break the dam: Overcoming the legal and regulatory hurdles to mainstream cryptocurrency adoption** Prof Emilios Avgouleas
14:00	**20:00**	**21:00**	Main Auditorium	**IOHK's identity solution** Dr Dynal Patel, Mark Griffin, Christos Loverdos, Alexis Hernandez
			The Science of blockchain	**Functional smart contracts on Cardano (Part 2)** Prof Philip Wadler, Dr Manuel Chakravarty, Prof Simon Thompson
			Delivering solutions for businesses and enterprises	**Joining the Hyperledger consortium: An opportunity for collaboration and innovation** Brian Behlendorf, Executive Director, Hyperledger Consortium, Dr Romain Pellerin, Grace Hartley, Nathan George, panel moderated by Monty Munford
			Supporting and building the Cardano community	**Once upon a Time in Cardano...** Alfred Moesker, Hotel Ginebra
			Governance and regulation	**Digital assets: Exchanged anywhere by everyone? Or for the 1% only?** Marcel Hostettler, Heuking Kühn Lüer Wojtek
15:00	**21:00**	**22:00**	All tracks	Networking break
15:30	**21:30**	**22:30**	Main Auditorium	**Code audits and security: Why do we hang out our dirty laundry in public?** Charles Morgan
			The Science of blockchain	**Building light clients** Dr Pyrros Chaidos, Kostis Karantias, Dr Peter Gaži
			Delivering solutions for businesses and enterprises	**Shelley unbound: Achievements, improvements and the future of Cardano** Dr Kevin Hammond, Dr Duncan Coutts
			Supporting and building the Cardano community	**My stake pool journey: A stake pool operator's mistakes, successes, and lessons learned** Umed Saidov, Oqulent
			Governance and regulation	**US regulations for stablecoins: Bloom or doom?** John Collins, FS Vector
16:30	**22:30**	**23:30**	Main Auditorium	**Why functional programming is invaluable for blockchain-based AI** Ben Goertzel, Singularity.net
			The Science of blockchain	**I don't see no eclipse — or do I?** Dr Sandro Coretti-Drayton, Prof Spyros Voulgaris, Athens University of Economics and Business, Dr Neil Davies
			Delivering solutions for businesses and enterprises	**Daedalus and the Shelley user experience** Darko Mijić
			Supporting and building the Cardano community	**'Let's do better'** Eystein Hansen, Ada North Pool operator

AGENDA

Colorado GMT-6	UTC	UK GMT+1	Track	Program
7:00	13:00	14:00	All tracks	Networking, recap and Day 2 introduction
8:00	14:00	15:00	Main Auditorium	**Why IOHK has joined the Hyperledger open source community** Dr Romain Pellerin, Aparna Jue, Jerry Fragiskatos
			The Science of blockchain	**Delegation and stake pools 1: Account management** Dimitris Karakostas, Dr Mario Larangeira
			Delivering solutions for businesses and enterprises	**Democratizing investment through asset tokenization** Tumelo Ramaphosa, John O'Connor
			Supporting and building the Cardano community	**Cardano in Africa** Joshua Akpan
9:00	15:00	16:00	Main Auditorium	**Back to the future: Smart contracts in the extended UTXO model** Alex Chepurnoy
			The Science of blockchain	**Delegation and stake pools 2: Incentives** Aikaterini-Panagiota Stouka, Dr Lars Brünjes, Prof Elias Koutsoupias, Prof Aggelos Kiayias
			Delivering solutions for businesses and enterprises	**IOHK's authentication solution** Carlos Vargas-Montero
			Supporting and building the Cardano community	**Haskell, then and now: What is the future for functional programming languages?** Prof Simon Peyton-Jones, Prof John Hughes, Prof Philip Wadler, Dr Kevin Hammond, Dr Duncan Coutts
			Governance and regulation	**Decentralized software updates** Dr Nikos Karagiannidis, Dr Damian Nadales, Dr Michele Ciampi, Dr Dionysis Zindros
10:00	16:00	17:00	All tracks	Networking Break
10:30	16:30	17:30	Main Auditorium	**Physics meets distributed consensus** Stephen Wolfram, Wolfram Research

			The Science of blockchain	**Privacy 1: Zero knowledge and blockchains** Dr Markulf Kohlweiss, Thomas Kerber, Brian McKenna
			Delivering solutions for businesses and enterprises	**Food traceability: The Beefchain solution** Ahmad Alkabra, Tyler Lindholm, Beefchain, Steve Lupien, Beefchain, Prof Philip Schlump, Beefchain, Jerry Fragiskatos
			Supporting and building the Cardano community	**Cardano architecture** Dr Duncan Coutts
			Governance and regulation	**Stake pools and decentralization** Dr Lars Brünjes
11:30	**17:30**	**18:30**	Main Auditorium	**Cryptocurrency exchanges - Current and future challenges** Josh Goodbody, Growth and Institutional Business Director, Binance, Zeeshan Feroz, UK CEO, Coinbase, panel moderated by Rod Alexander
			The Science of blockchain	**Privacy 2: Smart contracts** Thomas Kerber, Dr Markulf Kohlweiss, Brian McKenna
			Delivering solutions for businesses and enterprises	**Financial contracts on Cardano: The ACTUS standard in Marlowe** Prof Simon Thompson, Dmytro Kondratiuk
			Supporting and building the Cardano community	**Cardano and formal methods** Dr Philipp Kant
			Governance and regulation	**Cardano Improvement Proposals** Frederic Johnson, Cardano Foundation
12:30	**18:30**	**19:30**	All tracks	Networking Break
13:00	**19:00**	**20:00**	Main Auditorium	**The science and evidence-based way to build blockchain Systems** Prof Aggelos Kiayias, Dr Duncan Coutts
			The Science of blockchain	**Leveraging Formal Methods for Smart Contract Platform R&D** Dr James Chapman
			Delivering solutions for businesses and enterprises	**There is no fork: Supporting an ever-evolving blockchain** Dr Edsko de Vries
			Supporting and building the Cardano community	**Goguen: Tokens, DApps and More** Nebojsa Vojvodic, Michael Peyton-Jones

14:00	20:00	21:00	Main Auditorium	**IOHK and Cardano** Panel Session Charles Hoskinson, Prof Aggelos Kiayias, Aparna Jue, Dr Romain Pellerin, panel moderated by Tamara Haasen
			The Science of blockchain	**Cross-chain communication and interoperability** Dr Peter Gaži, Dr Dionysis Zindros, Rob Cohen
			Delivering solutions for businesses and enterprises	**Introducing the IOHK-University of Wyoming advanced blockchain research lab** Jerry Fragiskatos, Prof Jim Caldwell, Mike Borowczak
			Supporting and building the Cardano community	**The Plutus platform** Michael Peyton-Jones, Dr Jann Müller
15:00	21:00	22:00	All tracks	Networking Break
15:30	21:30	22:30	Main Auditorium	**Principles of Organic Governance** Dr Mihaela Ulieru
			The Science of blockchain	**Defending the blockchain against all adversaries, classical and quantum** Prof Alexander Russell, Prof Christopher Moore, Santa Fe Institute
			Delivering solutions for businesses and enterprises	**Navigating blockchains** Alex Apeldoorn
			Supporting and building the Cardano community	**Marlowe Playground** Dr Pablo Lamela, Alex Nemish, Prof Simon Thompson
16:30	22:30	23:30	Main Auditorium	**First Shelley, next the world – literally.** Closing keynote by Charles Hoskinson
			The Science of blockchain	**Performance engineering: Lies, damned lies and (TPS) benchmarks** Dr Duncan Coutts, Dr Neil Davies
			Delivering solutions for businesses and enterprises	**Runtime Verification** Prof Grigore Rosu, Runtime Verification
			Supporting and building the Cardano community	**PoolTool and the Cardano community: Past, present and future** Mike Fullman, PoolTool.io