

C Closing Ceremony
 L Live-Code
 P Panel
 R Party
 S Socratic
 T Talk
 W Workshop

OCTOBER 15 • SATURDAY

9:30am – 10:00am	T	PlebLab Presents: Coach Kyle's Corner <i>Speakers: Kyle Murphy</i> Got questions about starting up a dev lab, running hackathons, or building startups? Come get some insights from PlebLab founder Kyle Murphy.	Village: PlebDev
9:30am – 10:00am	T	Simplicity: Formally Verified Programmable Money <i>Speakers: Christian Lewe</i> One of the revolutions of Bitcoin was the invention of programmable money, i.e., money which is owned by programs that release their funds upon presenting a witness. The ability to express complex spending conditions is what gave rise to multisig, the Lightning network and other schemes. Unfortunately, Bitcoin Script, the language used to write these programs, is quite restrictive and makes it hard to verify that programs are correct. Simplicity is our vision of a language that satisfies the unique needs of the blockchain: Everything that one might want to express can be expressed. Everything that one might want to verify can be verified. This is a difficult balance because highly expressive languages tend to be hard to verify. Also, what needs to be expressed and what needs to be verified turn out to be tough questions. In this talk, we answer the question of what Simplicity is, clearly and succinctly. We look at the structure of a Simplicity program and its execution, various add-ons and existing applications. We want to see the true nature of Simplicity, which turns out to be intuitive and simple.	Village: BitDevs Socratic
9:30am – 11:30am	W	Base58's World Famous Bitcoin LARP <i>Speakers: niftynei</i> So you run your own node, but what if you could *be* a bitcoin node? Come live roleplay bitcoin in this 2-hour hands-on workshop What is a bitcoin node? What does it do? How do transactions flow through the network and get mined? In this 2-hour workshop, we'll live-action role play the bitcoin network. We'll see how transactions get made, how they get to miners, what work a bitcoin node does and how it helps secure the network. You'll get a front-line view of how miners create blocks and transactions get spent, how difficulty readjustments impact block production, and what re-orgs and network splits look like. No prior knowledge of bitcoin or running a node is required, but highly recommended to get the most out of this workshop.	Village: NextGen
9:30am – 5:00pm		Bitcoin Gaming	Village: Gaming
10:00am – 10:15am	T	The Human Rights Foundation <i>Speakers: Alex Li</i>	Main Stage
10:00am – 10:30am	P	PlebLab Presents: How to build a PlebLab in your town <i>Speakers: Keyan, Car, Kyle Murphy</i> Founders fireside chat with Keyan, Car, and Kyle of PlebLab ATX	Village: PlebDev
10:10am – 10:25am	T	TABConf Sponsors I VOLTAGE <i>Speakers: Graham Krizek</i>	Main Stage
10:30am – 11:00am	P	The Road from Pleb to Dev? <i>Speakers: Car, Austin, Keyan</i> PlebDev fireside chat with Car from PlebLab and a Special Guest	Village: PlebDev

10:30am – 11:00am	T	How to Run the Biggest Lightning Node on the Network <i>Speakers: Bastien Teinturier</i>	Main Stage
10:30am – 11:30am	S	Socratic Session: Lightning Development <i>Speakers: Evan Price</i> A focused Socratic Seminar on lightning protocol development. Topics will be selected from mailing lists, prominent github repos, network graphs, research papers, vulnerability reports and other sources.	Village: BitDevs Socratic
11:00am – 12:30pm	L	Live Code-athon: t-bast (ACINQ / Eclair) <i>Speakers: Bastien Teinturier</i> Come do some 'coder' bingo, eat some popcorn, and watch leet hackers work on a something live!	Village: PlebDev
11:10am – 11:55am	P	Bitcoin UX Design <i>Moderators: Stephen DeLorme</i> <i>Speakers: paul, Sahil Chaturvedi</i>	Main Stage
11:30am – 12:30pm		Lunch	Hallway
11:30am – 5:00pm		NextGen Activities <i>Speakers: Elly Pembroke</i>	Village: NextGen
12:00pm – 12:30pm	T	Segwit Explained vbytes: Common Misconceptions <i>Speakers: Murch</i>	Main Stage
12:00pm – 1:00pm	S	Socratic Panel: Attacks on Lightning <i>Moderators: Tony</i> <i>Speakers: Antoine Riard, Clara Shikhelman</i> As adoption of the lightning network increases, so too do concerns around the various known attack vectors. These attacks touch many layers of the lightning network stack: user's privacy can be undermined, in-flight HTLCs can be exhausted, channel closes can be pinned, among other concerning vectors. This panel will be an investigation of those attacks and discussion around their proposed mitigations.	Village: BitDevs Socratic
12:30pm – 1:10pm	T	Silent Payments and Alternatives <i>Speakers: Ruben Somsen</i>	Main Stage
12:30pm – 2:00pm	L	Live Code-athon: Kody Low (Base58) <i>Speakers: Kody Low</i> Come grab a "coder" bingo card, get some popcorn, and watch some leet coders work on code live. Some in-person, some remote.	Village: PlebDev
1:15pm – 2:00pm	P	Mining Panel <i>Speakers: Bob McElrath, Rachel Rybarczyk, Matt Corallo</i>	Main Stage
1:30pm – 2:30pm	S	Socratic Panel: Federated L2 Schemes <i>Moderators: Evan Price</i> <i>Speakers: Jeremy Rubin, Eric Sirion, Ruben Somsen</i> 2022 has seen renewed interest in federated layer two schemes. This panel will be an exploration of three such schemes: the Mercury statechain protocol, the Judica VM and Fedimint. Will will discuss their designs, the challenges of implementation, their respective privacy models, security tradeoffs and what roles they will play in scaling Bitcoin.	Village: BitDevs Socratic
2:00pm – 3:30pm	L	Live Code-athon: Ben the Carman (The Bitcoin Co) <i>Speakers: Ben Carman</i> Come do some 'coder' bingo, eat some popcorn, and watch leet hackers work on a something live!	Village: PlebDev

2:10pm – 2:55pm	P	Education Panel <i>Moderators: Elly Pembroke</i> <i>Speakers: Dulce Villarreal, Lucas de C. Ferreira, niftynei, Santos Hernandez, Carla Kirk-Cohen, Robert Malka</i>	Main Stage
3:00pm – 3:30pm	T	Braidpools <i>Speakers: Bob McElrath</i> In this talk I will present a new structure for braidpool which I call the Unspent Hasher Payment Output (UHPO) mechanism (a decentralized share accounting system and analog of bitcoin's UTXO set, for the pool), which is a direct evolution of p2pool and is enabled by new work on MuSig2 and the FROST/ROAST Schnorr threshold signature algorithms.	Village: BitDevs Socratic
3:10pm – 3:55pm	T	Signet lightning <i>Speakers: Richard Safier</i>	Main Stage
3:30pm – 5:00pm	L	Live Code-athon: Valentine Wallace (Spiral/LDK) <i>Speakers: Valentine Wallace</i> Come do some 'coder' bingo, eat some popcorn, and watch leet hackers work on a something live!	Village: PlebDev
3:45pm – 4:15pm	T	Eltoo on LN: Idea to Implementation <i>Speakers: Gregory Sanders</i> Eltoo was an idea proposed over 4 years ago in order to simplify certain smart contracting protocols such as the Lightning Network and Statechains. Only in 2022 has interest in proving out the idea picked up. I will present a brief history as well as a status update on the project to bring Eltoo to life in the Lightning Network.	Village: BitDevs Socratic
4:10pm – 4:55pm	P	Non-Lightning Layer 2 <i>Speakers: Paul Sztorc, Justin Moon, Burak</i>	Main Stage
5:15pm – 5:45pm	C	Closing Remarks <i>Speakers: Matt Hill</i>	Main Stage
6:00pm – 6:45pm	C	Closing Ceremony <i>Speakers: Milou, Brianna Honkawa d'Estries, Michael Tidwell, Brandon Iglesias, Stephen DeLorme</i>	Main Stage
6:00pm – 7:00pm		Trivia <i>Speakers: Ben Carman, Ras @coinward, Evan Price</i> A followup to last year's hardcore Bitcoin trivia. This year there will be two rounds: one on Bitcoin Lore/History, and another on Bitcoin/Lightning technical questions. Multiple choice. Get ready to rumble! Prizes sponsored by CardCoins!	Village: BitDevs Socratic
8:30pm – 11:30pm	R	The TABConf Official Unofficial Afterparty Presenting: The TABConf Official Top Draft Bar (Omni South Tower 4th Floor - between the check-in and the skybridge) Unofficial Afterparty! We had an official afterparty and a very successful unofficial afterparty last year... so THIS YEAR, we're doing the same thing. Join us this Saturday at TOP DRAFT for drinks and great conversation on the last night of the event. Please note, TOP DRAFT is located in the Omni South Tower, 4th floor, between the check-in area and the sky bridge.	