Workshop
SMART CONTRACTS

📅 **28. Oktober 2024**   🕐 **9.00 bis 18.00 Uhr**   📍 **Frankfurt am Main**

In this one-day workshop, you will learn the basics of how blockchain technology and smart contract applications work. After, you will be able to read & understand smart contract code as well as be able to deploy your own basic smart contracts. You will also understand how a basic token contract works.

Upon successful completion of the workshop, you will be granted a certificate of completion.

No prior software development experience is needed. A basic knowledge of non-coding blockchain concepts may help, but is also not required.

AGENDA

Part 1: Foundational Knowledge & Theory
• Recap: Blockchains & Smart Contract Platforms

• Smart Contracts & Practical Examples

• Tokens & Tokenization of Real World Assets

• DeFi, dApps & Interacting with Web3 (Metamask Required)

• Hybrid Smart Contracts & Oracles

• Intro to Decentralized Autonomous Organizations (DAOs)

Cedric Heidt, Frankfurt School Blockchain Center

Part 2: Practical Smart Contracts & Smart Contract Deployment
• Deployment of a smart contract

• Smart Contract 101: Basic control structures

• Intro to variables and variable types

• Creation, deployment and interaction with an ERC-20 token

Valentin Seehausen

Preparation & Requirements
To participate in this workshop, you must have a MetaMask wallet installed. Upon registering, you will receive detailed instructions via e-mail on how you can install a MetaMask wallet. Think of a MetaMask wallet as the account you need to interact with blockchains & web3.

Price: € 1.000,-