

**Marco Walz / 23-08-2022**

 æternity

# **Universe Two Hæckathon**

**Welcome & Introduction**







# About me

- Contributing to the æternity ecosystem since early 2019
- Joined the team in May 2021 to help improving the DevTools
- Now leading Developer Relations
  - > Improving Developer Onboarding
  - > Organizing Hackathons





# Agenda

1. Intro to æternity blockchain 
2. Prizes & Judges 
3. Timeline 
4. Hackathon Finale at the CryptoCastle 
5. Ideas & Proposals to build 
6. Social Channels - Get in touch with us! 



**æternity**

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A Blockchain for  
the Masses



# æternity - A Blockchain for the Masses!

## Solving scalability issues

-  > On-chain thanks to **Bitcoin-NG**, a scalable Proof of Work protocol
-  > Off-chain via **State Channels** (almost limitless and private transactions!)



## FATE VM for Smart Contract execution

- > 10x more efficient as the widely distributed and used EVM

## Unique & functional Smart Contract language “Sophia”

- > strongly typed

## Additional unique core protocol features

-  > **AENS** (Naming System) for .chain names
-  > **Oracles** that provide a standardized way how to interact with real world data
- > **Generalized Accounts** providing more flexibility for transaction integrity, in particular signing
- > **Meta-Transactions** built-in with the “**PayingForTx**” type





# Prizes & Judges



# Prizes

Total  
\$30,000

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**1st**  
**\$15,000**

**2nd**  
**\$8,000**

**3rd**  
**\$5,000**

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Community Award  
\$2,5000

 <https://universe-two-haeckathon.devpost.com>

# Judges



Yanislav Malahov // Founder, æternity



Benjamin Huskic // CTO, æternity



Marco Walz // Lead Developer Relations, æternity



Omar Saadoun // CMO, æternity





# Timeline



# Timeline

## General

Date	Event	Details
01.08.2022	Start Hæckathon	Sign up, join the community, find a team, generate an idea & start hæcking!
17./18.09.2022	Hæckathon Finale	(optional) on-site hæcking at the CryptoCastle during the last two days. Unique opportunity to meet some of the æternity developers in-person!
18.09.2022	Submission Deadline	Complete the submission form BEFORE 11:59 PM.
19.09.2022 - 25.09.2022	Judging Period & Community Voting	The judges will review all submissions and determine the winners.  The community will vote on their favorite projects and decide which team wins the Community Choice Award.
26.09.2022	Winner announcement	We will officially announce the winners of the Hæckathon.



# Timeline

## Presentations & Live-Demos\*

Date	Time (CEST)	Title	Presenter
Wednesday, 24.08.2022	06:00 PM	Code, test and deploy Smart Contracts using AEproject	Philipp Piwowski
Wednesday, 24.08.2022	06:45 PM	Full power of Sophia with REPL	Radosław Rowicki
Wednesday, 24.08.2022	07:30 PM	Create Fungible Tokens in 3 easy steps using AEX-9	Philipp Piwowski
Friday, 26.08.2022	06:00 PM	Superhero DEX: How to add liquidity for your preferred token	Keno Dreßel
Friday, 26.08.2022	06:45 PM	How to make an NFT on æternity blockchain using AEX-141	Marco Walz
Friday, 26.08.2022	07:30 PM	Create your dApp with our Web3 Starter-Kit	Badi Ifaoui

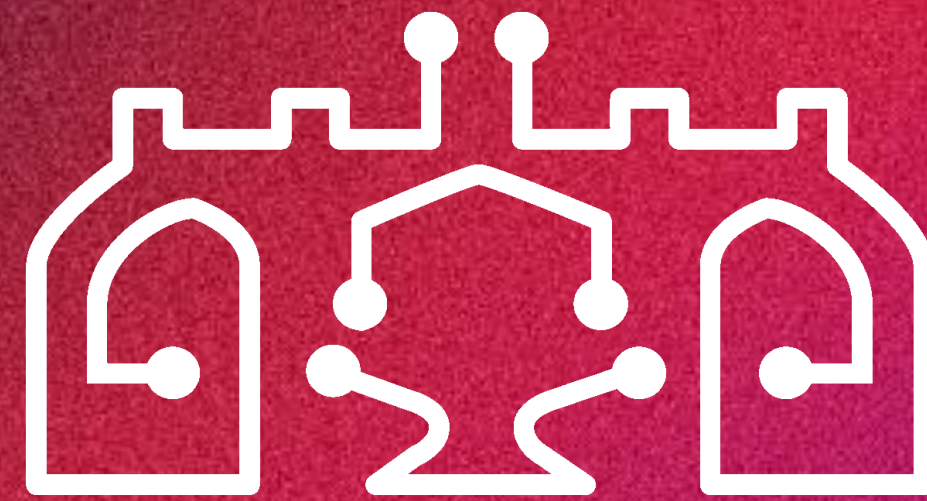
\*The link to the stream of all presentations will be shared on Discord right before the start!

Afterwards the presentations will be published on YouTube.

Welcome & Introduction /// Marco Walz /// [marco@aeternity.com](mailto:marco@aeternity.com)







# Finale at CryptoCastle



# Hæckathon Finale at CryptoCastle

- (Optional) on-site attendance at CryptoCastle during the last two days of the Hæckathon 🏠
- Convince us with your project and we will support you with travel expenses and accommodation !
- Unique chance to meet æternity developers in person! 💬
- Submit the [registration form](#) as soon as possible\* !
- Also, join the [Æternity Universe Two](#) conference as guest right before the final 😊

*\*form open until 04.09.2022*





# Ideas & Proposals



# Ideas & Proposals

## DAOs

Governance Tokens

Dashboard for Token based decision making

## NFTs

Minting Solution / Launchpad

Marketplace

Fractional Ownership

Social campaign airdrops verified by Oracles

## Generalized Accounts

(Social) recovery options

Account ownership transfer

Spending limits

MultiSig solutions

## DeFi

Token Launchpad

(Innovative) Crowdfunding

Trading

Lending / Borrowing

Staking

Cross-Chain Atomic

Swaps  
Insurance

Price feeds

Prediction Markets

## Oracles

Random Number Generator (RNG)

Crowd based oracles for decision making

Data oracles for generic API calls (e.g. weather, flight delay, ...)

## State Channels

Pay-per-use

> Video on-demand

> Scientific papers (pay only for parts you read)

Decentralized General Payment Provider (à la VISA/Mastercard)

> Open a channel with payment provider to pay the service provider (e.g. coffee shop, online service, train ticket, ...)

Patreon/Twitch/OnlyFans clone

> Content producer delivers content and users pay if they like

## AENS

Marketplace





# Social Channels



# Social Channels

- > [Forum](#)
- > [Discord](#)
- > [Twitter](#)
- > [Telegram \(Official\)](#)
- > [Telegram \(Universe Two\)](#)

And don't forget to check out the æternity [website](#)!



**THANKS  
&  
GOOD LUCK!**

 **aeternity**