



OST

Eastern Switzerland
University of Applied Sciences

Blockchain (BlCh)

Admin

Thomas Bocek

14.10.2021

BICH 2021: Plan

Nr	Date	Lecture*	Suggested Milestone
01	24.09.2021	Admin, Challenge Task, Repetition DS1 (part 1)	Group forming, idea for (d)app
02	01.10.2021	NFT Introduction, Repetition DS1 (part 2)	Setup dev environment
03	08.10.2021	Ethereum and Solidity, Repetition DS1 (part 3)	Information flow
04	15.10.2021	NFT Details	Bocek
05	22.10.2021	DeFi, P2P and DHTs	Bocek
06	29.10.2021	Algorithms for Distributed Systems	Bocek
07	05.11.2021	Crypto Mining, PoW, PoS	Hand-in 1 (04.11.2021, 23:59 CET) , first versions of frontend/backend NFT
08	12.11.2021	WebRTC, Applied Cryptography	Bocek
09	19.11.2021	Layer 2 Solutions	Bocek
10	26.11.2021	HTLCs, Cross-chain Atomic Swaps	Bocek
11	03.12.2021	NEO guest lecture	Connecting everything
12	10.12.2021	Exam preparation, guest lecture 2	Testing, testing, testing
13	17.12.2021	Challenge Task Presentations	Hand-in 2 (16.12.2021, 23:59 CET)
14	24.12.2021	CT Award Winner Announcement, Q&A (from 08:10 – 09:50)	you
15	14.01.2022	Beratungswoche	Bocek

BlCh Exercises

- Finalized group forming
 - 28 students in ADUNIS, 24 students in groups
 - Idea discussion, setup dev environment, discuss information flow
 - With lecture 4, you are ready to go!

Nr	Name 1	Name 2	Name 3	Project	Source	Slides	Video
1	Julia F.	David K.	-	NFT Tweets			
2	Zvonimir S.	Simon C.	-				
3	Michel M.	Benny V.	Moritz S.	NFT Reddit			
4	Samuel L.	Tim W.	Rolf O.				
5	Andy P.	Pascal K.	-	Image Auction NFT			
6	Ruwen F.	Igor C.	-	NFT Lottery			
7	Severin G.	Marco M.	Severin A.	GPS-NFT			
8	Simon H.	Marius Z.	Janis W.				
9	Christian R.	Reto E.	-				
10	Philipp E.	Joel S.	-	Beer Stamp NFT			