



OST

Eastern Switzerland
University of Applied Sciences

Blockchain (BlCh)

Admin

Thomas Bocek

26.11.2023

BlCh 2023: Plan

Nr	Date	Lecture*	Lecturer
01	18.09.2023	Admin, Challenge Task, Repetition DSy (part 1) - no exercises	Bocek
02	25.09.2023	NFTs, Ethereum, Repetition DSy (part 3 - Blockchain)	Bocek
03	02.10.2023	Repetition DSy (part 2), Ethereum Components / Architecture	Bocek
04	09.10.2023	Solidity	Bocek
05	16.10.2023	DeFi	Bocek
06	23.10.2023	DAO, POAP, Stablecoins	Bocek
07	30.10.2023	Wallets and Seed Phrases	Bocek
08	06.11.2023	P2P and DHTs	Bocek
09	13.11.2023	Algorithms for Distributed Systems	Bocek
10	20.11.2023	Monero, HTLCs, Cross-chain Atomic Swaps, Payment Channels	Bocek
11	27.11.2023	Interview, Exam preparation	Bocek
12	04.12.2023	Challenge Task Presentations, part 1	you
13	11.12.2023	Challenge Task Presentations, part 2	you
14	18.12.2023	Q&A and Challenge Task Award Winner Announcement	Bocek

* topics may change

Challenge Task

- Deadline approaching, 03.12.2023, 23:59 (CET)
- Presentation Slots: 20 slots, 13 groups
 - Deadline: 03.12.2023, [poll](#)

Nr	Name 1	Name 2	Name 3	Project	Milestone 1	Presentation
01	Sascha H.	Reto F.	Manuel M.	CottonAlley	✓	
02	Dejan J.	Gianluca N.	-	Notary Services (3 parties)	✓	
03	Linus F.	Leonie D.	Kevin K.	Supply Chain Tracking	✓	
04	Fabian F.	Ali A.	Natalia G.	Rating (1-5 stars)	✓	
05	Fabio L.	Nick G.	Kaj H.	Voting	✓	
06	Ramon S.	Josip D.		Ticketing	✓	11.12.2023
07	Laurin Z.	Kevin L.			✓	
08	Lukas G.	Anian G.		Auction	✓	
09	Joel S.	Noah S.		Streaming payments	✓	
10	Marc K.	Dominic W.		InventoryTracker	✓	11.12.2023, >14h
11	Lucien Z.	Oliver D.	Jasmin F.		✓	
12	Mirio E.	Samuel M.	Dario G.	Konzert Ticket-Reselling	✓	
13	Florian F.	Miles S.		Donation Service	✓	04.12.2023

Exam HS 2022



Modul Blockchain (BICH)
Prüfung HS22

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Nachname: _____ Vorname: _____

Nr.	Aufgabe	Max. Punkte	Erreichte Punkte
1	Blockchain / Stablecoin Basics	15	
2	Decentralized Finance (DeFi) Basics	10	
3	Non-Fungible Tokens (NFTs)	9	
4	Atomic Swaps / HTLC	6	
5	Solidity / Ethereum	3	
6	Merkle Tree / Root	4	

Total 47

