



OST

Eastern Switzerland
University of Applied Sciences

Distributed Systems & Blockchain (DS1)

Admin

Thomas Bocek

28 March 2021

DS1: Plan 2021

Nr	Date	Vorlesung*	Dozent
01	23.02.2021	Admin / Introduction	Bocek
02	02.03.2021	Protocols, Basics	Bocek
03	09.03.2021	Application Protocols	Bocek
04	16.03.2021	Distributed Applications: load balancing	Bocek
05	23.03.2021	Distributed Applications: CORS, gRPC, git	Bocek
06	30.03.2021	Authorization (basic auth, digest auth, session-based, JWT), queues	Bocek
07	-	Eeaster Vacations	Bocek
08	13.04.2021	Containers and VMs	Bocek
09	20.04.2021	Docker, Docker Compose, Connecting everything	-
10	27.04.2021	Real-world examples	TBA
11	04.05.2021	Blockchain, Bitcoin, Ethereum I	Bocek
12	11.05.2021	Blockchain, Bitcoin, Ethereum II	Bocek
13	18.05.2021	Challenge Task Presentations I	you
14	25.05.2021	Challenge Task Presentations II	you
15	01.06.2021	Challenge Task Award Winner Announcement, Q&A	Bocek

Nr	Date	Vorlesung*	Suggested Milestone
01	23.02.2021	Admin / Introduction	Group forming, idea for services
02	02.03.2021	Protocols, Basics	Group forming, idea for services
03	09.03.2021	Containers and VMs	Information flow, setup dev environment
04	16.03.2021	Distributed Applications: load balancing	Load balancer working
05	23.03.2021	Authorization (basic, digest, session-based, JWT, OAuth)	JWT Authorization
06	30.03.2021	Application Protocols	Storage backend ready
07	-	Easter Vacations	
08	13.04.2021	Distributed Applications: CORS, gRPC, git	
09	20.04.2021	Docker, Docker Compose, Connecting everything	
10	27.04.2021	Real-world examples	Frontend ready
11	04.05.2021	Blockchain, Bitcoin, Ethereum I	Connecting everything
12	11.05.2021	Blockchain, Bitcoin, Ethereum II	Testing, testing, testing
13	18.05.2021	Challenge Task Presentations I	
14	25.05.2021	Challenge Task Presentations II	
15	01.06.2021	Challenge Task Award Winner Announcement, Q&A	

* topics may change



Admin

- Next week (6.4./7.4.), Easter Vacations, no lecture / exercises