



**OST**

Eastern Switzerland  
University of Applied Sciences

# Distributed Systems & Blockchain (DS1)

**Admin**

Thomas Bocek

7 March 2021

# DS1: Plan 2021

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

# Admin / Challenge Task

- Group forming
  - Group 8 - Joel P., André B.
  - Group 10 - Jonas K., Joel H.
  - Group 13 - Lukas D., Nicolai D.
  - Group 19 - Robin F., Linard V., Tobias R.
  - Group 20 - Sven H., Lukas V.
  - Group 21 - Abinas K., Cedric O., Thomas H.
- Slide 3 in lecture 2 fixed
- Video material will be shorter in future
  - Lecture 1 – 116min
  - Lecture 2 – 117min