



Software architecture, course 2021-22

Seminar subjects

Team	Subject	Day	Links	Question team	Question team
1	Code reviews	18 feb	How to Give Respectful and Constructive Code Review Feedback - Dr. McKayla Code Reviewing in the Trenches: Understanding Challenges and Best Practices	5	9
2	Technical debt	18 feb	Ur-Technical Debt , G. Fairbanks Technical debt , Martin Fowler	6	10
3	SOLID vs CUPID	4 mar	CUPID the back story CUPID: the joyful of coding SOLID vs CUPID interview	7	1
4	Infrastructure as Code/Software	4 mar	Infrastructure as code - automation is not enough , Kief Morris Meet Infrastructure as Code , Chris Riley Infrastructure as Software , Kris Növa	8	2
5	Behavioral code analysis	18 mar	Behavioral code analysis 101 What is Behavioral Code Analysis	9	3
6	Lehman's Laws	18 mar	On the evolution of Lehman's Laws , Michael W. Godfrey ,Daniel M. German Programs, life cycles, and laws of software evolution , M. M. Lehman	10	4
7	Micro Frontends	1 apr	Micro Frontends , Cam Jackson Micro Frontends decisions framework , L. Mezzalana	1	5
8	Serverless trade-offs	1 apr	The trade-offs with serverless functions , Fernando Alvarez Serverless Architectures I/III: Design and technical trade-offs , Pablo Orio The trade-offs with functionless integration patterns in serverless architectures , Paul Swail	2	6
9	Four Key Metrics	22 apr	Measure software delivery performance with four key metrics Are you an Elite DevOps performer? Find out with the Four Keys Project	3	7
10	Web3 and NFT	22 apr	The Architecture of a Web 3.0 application , Preethi Kasireddy Web3: First impressions , Moxie Marlinspike Web3 is Bullshit , Stephen Diehl	4	8