

Uncertainty Quantification in Engineering - Spring 2023

Lecture	Date	Room	Title	
1	23.02.	HIL E 3	Introduction to uncertainty quantification	
2	02.03.	HIL E 3	Probabilistic modelling (1D)	
3	09.03.	HIL E 3	Copula theory	HW 1
4	16.03.	HIL E 3	Uncertainty propagation: Monte Carlo	⋮
5	23.03.	HIL E 3	Polynomial chaos expansions (1)	HW 2
6	30.03.	HIL E 3	Tutorial 1: Orthonormal polynomials	⋮
7	06.04.	HIL E 3	Polynomial chaos expansions (2)	Project start
8	20.04.	HIL E 3	Polynomial chaos expansions (3)	⋮
9	27.04.	HIL E 3	Tutorial 2: UQLab	⋮
10	04.05.	HIL E 3	Analytical exercises (Final exam 2022)	⋮
11	11.05.	HIL E 3	Sensitivity analysis (1)	⋮
12	25.05.	HIL E 3	Sensitivity analysis (2)	Project end
13	01.06.	HIL E 3	Tutorial 3: Sensitivity analysis	

Final exam: Tuesday June 6, 2023 · 10:00–12:00 · HIL E 3