Course Plan 2023

Lecturer: Sigurd Skogestad (skoge@ntnu.no)  
Exercises: Lucas Cammann (Lucas.Cammann@ntnu.no)

First lecture: Wednesday 23 August 15-17 in K4-205

Normal Lecture time: Tuesdays 10-13 in K4-205

Exercise: To be decided

Note, that the days of the lecture may change.

Hm…. In 2023 I think one less lecture on SOC and instead one extra on ARC

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| Week/Date | Lecture | Exercise |
| Week 34 / 23.08. | 0. Introduction  1. Plant-wide control procedure | Exercise 1 out (2 weeks) |
| Week 35 / 29.08. | 2. Self-optimizing control |  |
| Week 36 / 05.09. | 3. Self-optimizing control | Exercise 1 deadline  Exercise 2 out (1 week) |
| Week 37 / 12.09. | 4. Self-optimizing control | Exercise 2 deadline  Exercise 3 out (1 week) |
| Week 38 / 19.09. | 5. Regulatory layer, TPM Selection | Exercise 3 deadline  Exercise 4 out (2 weeks) |
| Week 39 / 26.10. | 6. Controller Tuning |  |
| Week 40 / 03.10. | 7. Advanced control structures | Exercise 4 deadline  Exercise 5 out (2 weeks) |
| Week 41 / 10.10. | 8. Guest lecture MPC |  |
| Week 42 / 17.10. |  | Exercise 5 deadline  Exercise 6 out (2 weeks) |
| Week 43 / 24.10. |  |  |
| Week 44 / 31.10. | 9. Guest lecture Forsman | Exercise 6 deadline |

There will be two guest lectures given by

* TBA: MPC application in Equinor
* Krister Forsman: Advanced process control in Perstorp

The dates of both guest lectures have to be defined