

JT-60SA International Fusion School 2023

Monday, 4 September 2023

Lecture: Introduction to tokamak technology (10:30 - 12:00)

Lecture: Vacuum and cryogenic systems (13:00 - 14:30)

Lecture: Magnets and thermal shields (15:00 - 16:30)

Tuesday, 5 September 2023

Lecture: Plasma Physics 1. (08:30 - 10:00)

Lecture: Plasma Physics 2. (10:30 - 12:00)

Lecture: Heating systems (15:00 - 16:30)

Wednesday, 6 September 2023

Lecture: Power exhaust systems (08:30 - 10:00)

Lecture: Introduction to tokamak diagnostics (10:30 - 12:00)

Lecture: Loading Conditions, Safety, Standards (15:00 - 16:30)

Thursday, 7 September 2023

Lecture: Tokamak system optimisation (08:30 - 10:00)

Lecture: Realising and assembling a tokamak (10:30 - 12:00)

Lecture: Tokamak Operation (13:00 - 14:30)

Lecture: From JT-60SA to ITER, DEMO & fusion reactors (15:00 - 16:30)

Friday, 8 September 2023

Lecture: Experimental scenarios (08:30 - 10:00)

Lecture: Questions and discussions (10:30 - 12:00)

Lecture: Diagnostics 1. (13:00 - 14:30)

Lecture: Diagnostics 2. (15:00 - 16:30)

Monday, 11 September 2023

Lecture: Plasma wall interaction 1. (10:30 - 12:00)

Lecture: Tokamak operation 1. (13:00 - 14:30)

Lecture: Tokamak operation 2. (15:00 - 16:30)

Tuesday, 12 September 2023

Lecture: Plasma wall interaction 2. (08:30 - 10:00)

Lecture: Plasma scenarios 1. (10:30 - 12:00)

Lecture: Plasma scenarios 2. (15:00 - 16:30)