

JT-60SA International Fusion School 2023

Monday, September 4, 2023

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

Lecture: Vacuum and cryogenic systems (1:00 PM - 2:30 PM)

Lecture: Magnets and thermal shields (3:00 PM - 4:30 PM)

Tuesday, September 5, 2023

Lecture: Plasma Physics 1. (8:30 AM - 10:00 AM)

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

Lecture: Heating systems (3:00 PM - 4:30 PM)

Wednesday, September 6, 2023

Lecture: Power exhaust systems (8:30 AM - 10:00 AM)

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

Lecture: Loading Conditions, Safety, Standards (3:00 PM - 4:30 PM)

Thursday, September 7, 2023

Lecture: Tokamak system optimisation (8:30 AM - 10:00 AM)

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

Lecture: Tokamak Operation (1:00 PM - 2:30 PM)

Lecture: From JT-60SA to ITER, DEMO & fusion reactors (3:00 PM - 4:30 PM)

Friday, September 8, 2023

Lecture: Experimental scenarios (8:30 AM - 10:00 AM)

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

Lecture: Diagnostics 1. (1:00 PM - 2:30 PM)

Lecture: Diagnostics 2. (3:00 PM - 4:30 PM)

Monday, September 11, 2023

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

Lecture: Tokamak operation 1. (1:00 PM - 2:30 PM)

Lecture: Tokamak operation 2. (3:00 PM - 4:30 PM)

Tuesday, September 12, 2023

Lecture: Plasma wall interaction 2. (8:30 AM - 10:00 AM)

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

Lecture: Plasma scenarios 2. (3:00 PM - 4:30 PM)