

2020 N06 Timetable

Lectures and PowerPoint files will be uploaded to Blackboard for the N06 course. Each day will end by 5pm. Live Zoom sessions will be held during the week for questions.

Day	Subject	Lecturer
Mon 26.10.2019	<u>Morning</u> Introduction to Materials Lectures Time for live questions: <i>noon-13:00 via Zoom</i> <u>Afternoon</u> Reactor Materials (ferritic steels, stainless steels) Time for live questions: <i>16:00-17:00 via Zoom</i>	GB GB/FS
Tue 27.10.2019	<u>Morning</u> Corrosion Time for live questions: <i>noon-13:00 via Zoom</i> <u>Afternoon</u> SCC and Ni-base Alloys Characterisation of Materials – Overview <i>Live Zoom Session: Degradation Mechanisms Discussion/Presentations 16:00- 17:00</i>	NPCS GB
Wed 28.10.2019	<u>Morning</u> Graphite and Irradiation Effects + <i>Tutorial Zoom Session (10:30-12:00)</i> <u>Afternoon</u> Welding/Joining (13:00-15:00) + <i>Zoom Question Session (15:15-15:45)</i> Irradiation Effects on Materials; <i>Zoom Question Session (16:30-17:00)</i>	MF MS JH
Thu 29.10.2019	<u>Morning</u> Structural Integrity I Structural Integrity II/Workshop; <i>Zoom Session (11:30-12:30)</i> <u>Afternoon</u> <i>Special Lecture: Advanced Reactors by Prof. Juan Matthews(14:00-15:00)</i> In-Class Quiz (15:30-16:00) Fuels (16:00– 17:00)	FS FS GB TA
Fri 30.10.2019	<u>Morning</u> Materials Specification and Fabrication Fuel Cladding Material (Zirconium) <i>Zoom Session for Questions (12:00 – 12:45)</i> <u>Afternoon</u> NDE <i>Zoom Session for General Questions 15:00- 17:00</i>	AD AG JTaggart GB

Lecturers

GB Grace Burke (Materials Performance Centre)
 FS Fabio Scenini (Materials Performance Centre)
 MF Muhammad Fahad (Nuclear Graphite Research Group)
 JH Jon Hyde (NNL)
 NPCS Nicholas Stevens (Materials Performance Centre)
 TA Tim Abram (Nuclear Fuels Centre of Excellence)
 JT John Taggart (Jacobs)
 AD Andrew Davison (Jacobs)
 MS Mike Smith (Nuclear Manufacturing Laboratory/Modelling and Simulation Centre)
 AG Al Garner (Materials Performance Centre)