

FABER TRAINING SCHOOL
Benchmarking and Fatigue Data Analyses

[Campus da Universidade de Coimbra na Figueira da Foz](#)

Figueira da Foz, Portugal

14-17 July 2026

TIMETABLE

Tuesday - 14 July 2026 (1ST DAY)	
08:30-9:00	Registration
09:00-09:15	Dr Mariela Mendez-Morales & Dr Carlos Rebelo
	Introduction & Practical Information
09:15-09:30	Dr Jan Papuga
	Welcome to FABER TS
09:30-11:00	Alfonso Fernández-Canteli
	Lecture 1: Introduction and overview of the basic compatible S-N model and its implications in design
11:00-11:30	Coffee Break
11:30-13:00	Diego Díaz-Salamanca
	Lecture 2: Introduction to ProFatigue: A software for the probabilistic definition of the S-N field
13:00-14:30	Lunch
14:30-16:00	Sergio Blasón
	Lecture 3: On the use of the compatible S-N model for fatigue experimental planning and defining testing strategy
16:00-16:30	Coffee break
16:30-18:00	Alfonso Fernández-Canteli & Diego Díaz-Salamanca
	Lecture 4: Generalization of the Castillo-Canteli model combining stress-based and strain-based approaches
19:30	Social Dinner

Wednesday - 15 July 2026 (2ND DAY)	
9:00-10:30	Alfonso Fernández-Canteli
	Lecture 5: The probabilistic three-dimensional model as a suitable approach to account for the mean stress influence
10:30-11:00	Coffee Break
11:00-12:30	Diego Díaz-Salamanca
	Lecture 6: Application of Bayesian modeling techniques in fatigue analysis
12:30-14:00	Lunch
14:00-19:00	Technical Visit (UC-ISISE Labs + City)

Thursday - 16 July 2026 (3RD DAY)

09:30-11:00	Diego Díaz-Salamanca
	Lecture 7: The Generalized Local Model: A probabilistic methodology to ensure transferability from laboratory test to practical design of components
11:00-11:30	Coffee Break
11:30-13:00	Lecture Jan Papuga
13:00-14:30	Lunch
14:30-16:00	Presentations from participants
16:00-16:30	Coffee break
16:30-18:00	Workshop Activity: Discussion per sub-groups

Friday - 17 July 2026 (4TH DAY)

09:30-11:00	Presentations from participants
11:00-11:30	Coffee Break
11:30-13:00	Workshop Activity: Discussion per sub-groups
13:00-14:30	Lunch
14:30-16:00	Round table discussion
	All participants
16:00	FAREWELL - END