

Four Day Jet Engine Seminar

Day 1	09:00	L0	Introduction
	09:10	L001	Thermodynamic basics, ideal & real cycles
	10:10	L020	Fundamental design decisions
	11:10	Coffee	
	11:30	L021	Conventional and geared turbofan
	12:30	Lunch	
	14:00	L003	Getting started GasTurb 13 cycle design
	15:00	Coffee	
	15:15	E1	Exercise "Dream Engine"
	16:15		Questions and Answers
Day 2	09:00	L005	Turbojet off-design
	10:00	L006	Turbofan off-design
	11:00	Coffee	
	11:30	L007	Compressor performance
	12:30	Lunch	
	14:00	L009	Getting started Smooth C
	15:00	Coffee	
	15:15	E2	Exercise "Smooth C"
	16:15		Questions and Answers
Day 3	09:00	L010	Turbine performance
	10:00	L004	Getting started GasTurb 13 off-design
	11:00	Coffee	
	11:30	L055	Inlet flow distortion and transient operation
	12:30	Lunch	
	14:00	L002	How performance programs work
	15:00	Coffee	
	15:15	E3	Exercise "Var Geometry, Control Schedules, Modifiers"
	16:30		Questions and Answers
Day 4	09:00	L011	Measurements
	10:00	L012	Traditional test analysis
	11:00	Coffee	
	11:30	L013	Model based test analysis
	12:30	Lunch	
	14:00	L014	How to create a model (example: J57)
	15:00	Coffee	
	15:15		Propulsion and Power - An Overview
	16:30		Questions and Answers