

Five Day Jet Engine Seminar

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|--------------|-------|-----------------------|---|
| Day 1 | 09:00 | L001 | Thermodynamic basics, ideal & real cycles |
| | 10:00 | L003 | Getting started GasTurb 13 cycle design |
| | 11:00 | Coffee | |
| | 11:30 | L020 | Fundamental design decisions |
| | 12:30 | Lunch | |
| | 13:30 | L022 | Preliminary design of aircraft engines |
| | 14:30 | Coffee | |
| | 15:00 | L023 | Preliminary design with GasTurb 13 |
| | 16:00 | | Questions and Answers |
| Day 2 | 09:00 | L005 | Turbojet off-design |
| | 10:00 | L024 | Starting and Windmilling |
| | 11:00 | Coffee | |
| | 11:30 | L004 | Getting started GasTurb 13 off-design |
| | 12:30 | Lunch | |
| | 13:30 | L007 | Compressor Performance 1 |
| | 14:30 | Coffee | |
| | 15:00 | L008 | Compressor Performance 2 |
| | 16:00 | | Questions and Answers |
| Day 3 | 09:00 | L025 | Getting Started with SmoothC and Smooth_T |
| | 10:00 | L026 | Turbine Performance 1 |
| | 11:00 | Coffee | |
| | 11:30 | L027 | Turbine Performance 2 |
| | 12:30 | Lunch | |
| | 13:30 | L0028 | Nozzle performance |
| | 14:30 | Coffee | |
| | 15:00 | L002 | How Performance Programs Work |
| | 16:00 | | 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 | |
| | 13:30 | L014 | How to create a model (example: J57) |
| | 14:30 | Coffee | |
| | 15:00 | L018 | Modeling the CFM56-3 |
| | 16:00 | | Questions and Answers |
| Day 5 | 09:00 | L029 | Transient operation 1 |
| | 10:00 | L030 | Transient operation 2 |
| | 11:00 | Coffee | |
| | 11:30 | L031 | Inlet flow distortion |
| | 12:30 | Lunch | |
| | 13:30 | L032 | High speed propulsion |
| | 14:30 | Coffee | |
| | 15:00 | | Propulsion and Power - An Overview |
| | 16:00 | | Questions and Answers |