



**FONDAREX®**

## **PROGRAM – FX TECHNOLOGY TRAINING SWITZERLAND, ST-LÉGIER**

### **WEDNESDAY, 22.4.2026**

09:00	Welcome to Fondarex Mold evacuation with FX VAC Fondarex vacuum technology: principle / vacuum systems / applications Company visit Vacuum die casting, simulation, getting ready for the use of vacuum Lunch Workshops: Vacuum systems; operation and maintenance / Vacuum valves / vacuum vents
18:30	Dinner

### **THURSDAY, 23.4.2026**

09:00	Workshop: Vacuum application studies; workout, calculation, philosophy, gating system, vacuum channel Various practical exercises / open points / discussions Local cooling of hot spots with FX JET Jet Cooling: process, effects Lunch Nozzle geometry, process parameters, effects on cooling performance Design and shape of cooling channels Jet cooling in die casting process simulation / design and possibilities of the FX JET
18:30	Dinner

### **FRIDAY, 24.3.2026**

09:00	Decentralised feeding with FX SQUEEZE Volume shrinkage of the melt during solidification Mechanism of feeding / squeeze Squeezing in die casting process simulation Potentials and risks Design and possibilities of the FX SQUEEZE Operation, settings Application study, design of the squeeze areas
12:00	Lunch