



FONDAREX®

PROGRAM – FX TECHNOLOGY TRAINING USA, CHICAGO

WEDNESDAY, 18.3.2026

- 09:00 Welcome
 Mold evacuation with FX VAC
 Fondarex vacuum technology: principle / vacuum systems / applications
 Vacuum die casting, simulation, getting ready for the use of vacuum
 Lunch
 Workshops: Vacuum systems; operation and maintenance /
 Vacuum valves / vacuum vents
 Workshop: Vacuum application studies; workout, calculation, philosophy,
 gating system, vacuum channel
 Various practical exercises / open points / discussions
- 18:30 Dinner

THURSDAY, 19.3.2026

- 09:00 Local cooling of hot spots with FX JET
 Jet Cooling: process, effects
 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
 Lunch
 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
- 18:30 Dinner