Automotive Heat Exchanger Materials

This course contains the following modules:

**Session 1**
Introduction to Aluminium
Automotive Heat Exchangers - Markets and Products

**Session 2**
Material Requirements and Developments
Clad products
Finstock Materials (DC & TRC)

**Session 3**
Age-hardening Behaviour
Al-Si Cladding Alloys

**Session 4**
Controlled Atmosphere Brazing (CAB)
Vacuum Brazing
Oxidation Behaviour

**Session 5**
Manufacturing Methods – Clad Products
Material Processing and Testing
Session 6
Low Temperature Brazing (LTB)
Extruded Tube Developments

Session 7
Protection Methods
Air-side Corrosion Resistance

Session 8
Waterside Corrosion Behaviour
Galvanic Compatibility

Session 9
Mechanical Testing and Formability

Session 10
Competitive Technologies
Future Trends and Developments

Session 11
Q & A / Workshop

For more information please contact:

Alan Gray
Tel: +44 (0) 1295 702813
Mobile: +44 (0) 7739 862809
alan.gray@innovaltec.com