



THE 'WORLD OF ALUMINIUM' WORKSHOP

Park Inn Birmingham West Hotel,
Birmingham Road, West Bromwich B70 6RS

THURSDAY 25 OCTOBER 2018

9.00am Registration, Tea/Coffee

9.30 - 9.40am Welcome

9.40 - 9.50am Round Table Introduction of Delegates

SESSION 1 - INTRODUCTION TO ALUMINIUM

- Metals and their properties.
- Sustainability, recycling aluminium and its part in the circular economy.
- The history of aluminium: aluminium in nature and the growth in usage.
- Introduction to the metallurgy of aluminium.
- Primary and secondary production of aluminium.
- Aluminium alloys and treatments - an introduction.

11.00 - 11.15am COFFEE BREAK

SESSION 2 - WORKING WITH ALUMINIUM

- Casting and Forging
- Extruding
- Rolling
- Pressing and stamping
- Joining
- Coating and finishing

12.45 - 13.30pm LUNCH AND GROUP PHOTO

SESSION 3 - USES OF ALUMINIUM

- Aerospace
- Automotive
- Construction
- Packaging and Other Uses
- Production Techniques

15.00 - 15.15pm COFFEE BREAK

SESSION 4 - THE ALUMINIUM INDUSTRY

- The global aluminium market and trading patterns.
- The London Metal Exchange, premiums and aluminium price.
- The UK aluminium industry: its component sectors, how they trade and the major players.
- ALFED's role, membership, political work and support for the industry.
- The wider picture - the International Aluminium Institute (IAI), European Aluminium (EA), and the Aluminium Stewardship Initiative (ASI).
- Training and development opportunities in the aluminium industry.

15.50 - 16.00pm Q & A Session, Feedback, Presentation of Certificates