

JANUARY/FEBRUARY

Primary Production

Aluminium production and smelting technology; anode manufacture and rodding; power supply; pot room equipment; metal transfer.

The Future of Manufacturing

Digitalisation; Industry 4.0; smarter technologies; data capture/measurement; disruptive technologies.

Event Distribution:

TMS 2023

MARCH/APRIL

Raw Materials/Mining & Refining

Bauxite mining and alumina refining technology; developments; R&D projects; community conservation, raw material handling & transport, market outlooks.

Sustainable Aluminium

Low carbon aluminium products currently in the market, or planned.

Developments in sustainable technology**Planned Event Distribution:**

CRU World Aluminium (dates TBC)

METEC

MAY/JUNE

Rolling Technology

Hot and cold rolling technology; annealing; alloys; strip casting; twin-roll casting; twin-belt casting; rolled products; foil products; plate production.

Recycling

Aluminium scrap processing; metal recovery; contaminated scrap; dross recovery; metal filtration; sorting technologies.

Extrusion

Billet heating; low saws; extrusion presses; die production and maintenance; handling extruded products; cutting; value-added products.

Event Distribution:

Future Aluminium Forum 2023

METEC

JULY/AUGUST

Furnaces/Heat Treatment

Homogenising furnaces; slab heating furnaces; ageing ovens; annealing furnaces; solution heat treatment furnaces; die heaters; log and billet heaters and associated handling equipment; refractories; heat measurement technology.

Aluminium Applications

Focus on aluminium use in automotive, aerospace and packaging applications. Production processes, new technologies, trends and light-weighting.

SEPTEMBER/OCTOBER

Primary Production

Aluminium production and smelting technology; anode manufacture and rodding; power supply; pot room equipment; metal transfer.

Transport & Handling

Automated guided vehicles, rail vehicles, pot room vehicles; cranes; bundling and strapping; wrapping.

Planned Event Distribution:

ALUMINIUM USA

NOVEMBER/DECEMBER

Casthouse Technology

Aluminium transfer and casting; degassing; treatment; sawing.

Future of Manufacturing

Digitalisation; Industry 4.0; smarter technologies; data capture/measurement; disruptive technologies.

Planned Event Distribution:

ARABAL 2023