

Announcement

ISO3: 3RD INTERNATIONAL CONFERENCE/EXHIBITION ON ISOSTATIC PRESSING

Cold isostatic pressing (CIP) and hot isostatic pressing (HIP) collectively are predicted to grow 30–50 % in the years ahead, having in the past decade established themselves as viable processes for powder consolidation, and also in the case of HIP, as an indispensable tool for the full densification of castings and rejuvenation of components used in the aerospace industry. Current and future areas of application for CIP and HIP, plus the manufacturing economics of the two processes, will be discussed at the 3rd International Conference on Isostatic Pressing which is to be held at the London Marriott Hotel, Grosvenor Square, London, on November 10–12, 1986.

The conference will cover all aspects of the process, including the development of equipment, process controls, and materials being produced by CIP and HIP. Topics include:

Cold isostatic pressing

- Recent advances in CIP equipment
- Tooling developments for CIP
- Tubular ceramic/metal products
- Cylinder liners
- Refractory nozzles/crucibles
- Filters/porous components
- Non-ferrous alloys
- Tool preforms
- Structural ceramics
- Structural PM parts

Hot isostatic pressing

- Recent advances in HIP equipment
- Process economics
- Densification/healing of castings/hardmetals
- Diffusion bonding/welding
- Rejuvenation (turbine blades)
- High pressure impregnation
- PM superalloys/titanium/aluminium alloys
- High alloy steels
- Cermets/ceramics/composites
- Magnets
- Medical implants
- Rapidly solidified/amorphous alloys

As at previous isostatic pressing conferences organised by MPR there will also be an exhibition area where companies can display their latest developments in presses, tooling, and finished products. The exhibition will as usual form the focal point of the conference and will be used for receptions, coffee breaks, etc.

Further details may be obtained from: Conference Manager, ISO3, MPR Publishing Services Ltd, Old Bank Buildings, Bellstone, Shrewsbury, England SY1 1HU. Tel. 0743 64675. Telex 35213 MPRG.