



**Prof. Derek J. Fray**

This symposium honors the very distinguished work and lifetime achievement of Prof. Fray. He is a well known figure in metals and materials extraction and processing world for its deeply original impact in several fields such as non-ferrous, ferrous and recycling, in various processing routes such as pyrometallurgy (sulphide and metallic smelting), hydrometallurgy and electro-chemistry and in several investigating techniques such as experimental measurements and physical modelling.

He is Fellow of some of the most prestigious professional organizations, author of almost 400 scientific papers and inventor on approximately 179 patents arising from 62 families of patents. Reflecting his rich activity the symposium will cover the equally important areas of principles, technologies, and industrial practice with special emphasis on a globally sought clean environment of 21 century.

# FRAY INTERNATIONAL SYMPOSIUM

On Metals and Materials Processing in a Clean Environment :

- Principles
- Technologies
- Industrial Practice
- Environment/Health, Energy & Policies

Incorporating 2 International Symposiums:

- Advanced Sustainable Iron and Steel Making
- Sustainable Non-Ferrous Smelting in 21st Century

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