

# Services

The International Flame Research Foundation is a research and networking hub for the global combustion and energy community. Originating at IJmuiden, the Netherlands in 1948, IFRF now serves an established and growing worldwide network of combustion or energy oriented industrial and academic organisations.

These include the full spectrum of:

- End-users, designers and suppliers of fired heating equipment
- Process and system engineers and consultants
- Energy suppliers
- R&D/technology developers
- Universities and research institutes
- Trade associations
- Energy policy makers

Since 2007, IFRF has been headquartered in Livorno, Italy, adjacent to the experimental facilities of European utility giant **Enel**. Our services can be broadly classified under three main headings:

## Research

Equipment manufacture and experimental trials at the Enel Livorno and University of Pisa facilities.

## Networking

Communication initiatives and events to disseminate new information and facilitate contact amongst stakeholders.

## Information

Ongoing development of a rich suite of research data, technical reports, conference proceedings and other publications.

IFRF Membership is the most convenient way for organisations and individuals to enjoy the full benefit of our suite of services.

Association with IFRF is via a membership structure which accommodates organisations as well as independent individuals. Depending on their geographic location, members will access IFRF either through the [Associate Member Group](#), managed at our head office in Livorno, Italy, or as an affiliate of one of our eight IFRF National Committees:

- ▶ American Flame
- ▶ British Flame
- ▶ Finnish Flame
- ▶ French Flame
- ▶ German Flame
- ▶ Italian Flame
- ▶ Netherlands Flame
- ▶ Swedish Flame

More information about IFRF Membership is contained in the [Membership Benefits brochure](#) which is downloadable from our website.

The full suite of IFRF services is described in detail overleaf.



## RESEARCH SERVICES

As well as our own in-house experimental and modelling [research](#), we perform contract research for private organisations which require information about fuel and equipment characterization and in-flame measurement. We also participate in [EU funded research projects](#).

In addition we develop, manufacture and test [measurement probes and systems](#).

## NETWORKING SERVICES

IFRF is a natural conduit to the international combustion community. In more than 60 years of research, we have established close links within the global combustion arena and are well positioned to capitalize on these for the benefit of IFRF members.

Access to the IFRF network is facilitated both online, via the [IFRF Exchange](#), and face to face at [technical events, conferences, and training courses](#) organised worldwide in cooperation with the National Committees.

## INFORMATION SERVICES

The information generated from our Research and Networking activities enables us to provide a wealth of experimental and other data. This is made available in a variety of formats and includes:

- A searchable [archive of technical reports](#) describing the IFRF's entire research output from the organisation's inception in 1948 to the present day;
- A downloadable library of [presentations](#) accumulated over a generation of international conferences, Topic Oriented Technical Meetings and workshops;
- [The Solid Fuel database](#), a constantly developing storehouse of devolatilisation, char combustion and nitrogen release data on a variety of coals and biomasses;
- [The European Facilities database](#), a comprehensive and growing resource which lists and describes the combustion and biofuels test rigs of some 50 European industrial and research organisations;
- The [IFRF Handbook](#), a library of 200 combustion files on a variety of topics;
- [Industrial Combustion](#), a peer-reviewed journal dedicated to publishing the best research on the practical and theoretical aspects of combustion science in industrial applications;
- [Monday Night Mail](#), a fortnightly round up of IFRF and international combustion news including an international events calendar and job postings.

For more information write to us at [info@ifrf.net](mailto:info@ifrf.net) or consult the [IFRF website](#).