

2nd EMPRESS Workshop

Enhanced temperature measurement techniques
for improved process control

18 April 2018

National Physical Laboratory, UK
Organised by AFRC and NPL

EMPRESS is a European project with the goal of enhancing process efficiency through improved temperature measurement. This workshop is an excellent opportunity to bring together scientists and engineers from academia, research institutes and industrial establishments to present and discuss both:

- The latest developments in the field of traceable temperature measurement for process control
- End-users' requirements and challenges

FOLLOWING
ON FROM THE VIBRANT
WORKSHOP HELD AT AFRC ON
22 MARCH 2017, WE ARE PLEASED TO
INVITE EXPRESSIONS OF INTEREST TO
GIVE PRESENTATIONS FOR THE 2ND WORKSHOP

WORKSHOP THEMES

Technologies

- Thermocouples
- Phosphor thermometry
- Surface temperature probes
- Combustion and flame thermometry

Application areas

- Furnace control
- Heat treatment
- Casting
- Forming
- Welding
- Forging
- Gas turbines
- Gas furnaces
- Internal combustion engines

WORKSHOP HIGHLIGHTS

- Invited speakers will present reviews of the latest developments and state of the art
- Opportunity to contribute with oral presentations on process control challenges as well as technical solutions
- Networking opportunities

LOCATION AND VENUE

The workshop will be held at the National Physical Laboratory, Hampton Road, Teddington, Middlesex TW11 0LW, UK

KEY DATES

Registration: **Open**
Programme: **1 January 2018**
Workshop opens: **18 April 2018**

