

## CONTACT DETAILS

### CONFERENCE SECRETARIAT

CMT-MOTORES TÉRMICOS  
UNIVERSITAT POLITÈCNICA DE VALÈNCIA  
Camino de Vera s/n · 46022 Valencia (Spain)  
Tel: +34 96 387 76 50 · Fax: +34 96 387 76 59  
E-mail: secrecon@mot.upv.es

### CONFERENCE LOCATION

The conference will take place in the Paraninfo Conference Auditorium, Rectorate Building of the Universitat Politècnica de València (Valencia, Spain).

## REGISTRATION FEES

Registration should be made through the Conference website. The registration fee is:

- € 700
- € 850 | registrations after 10<sup>th</sup> July 2018 |

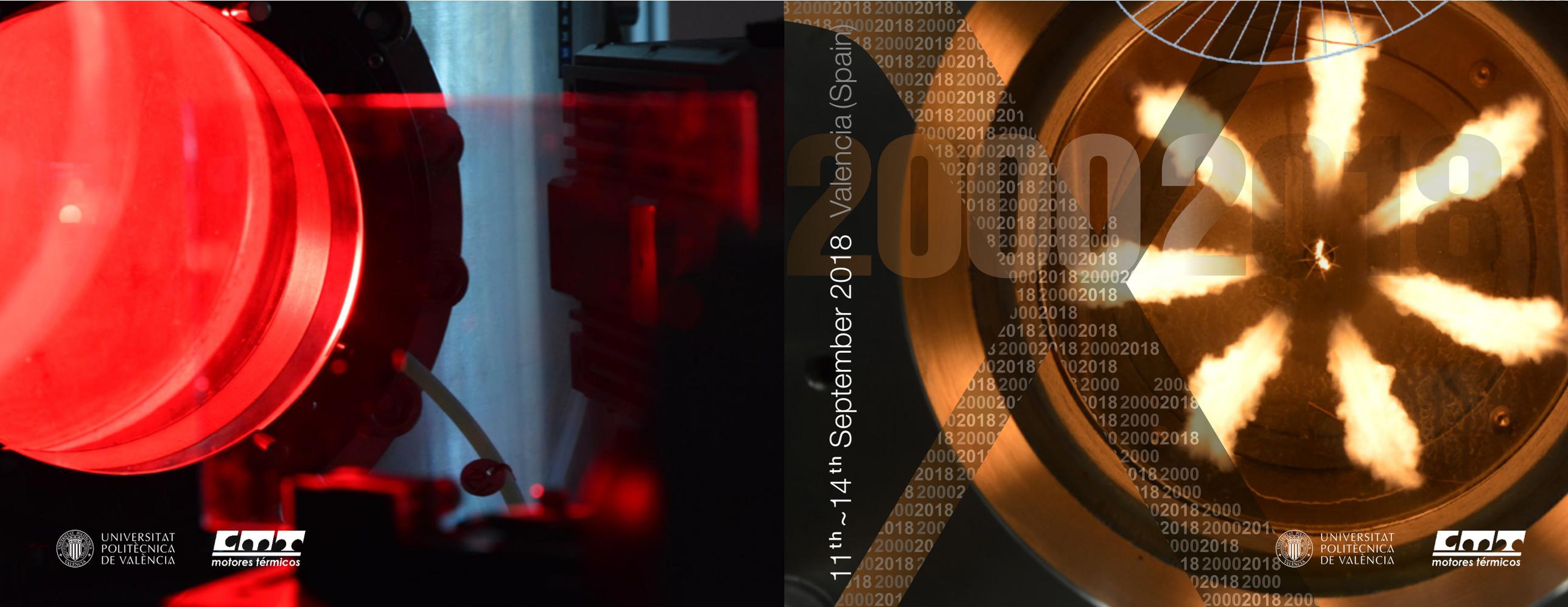
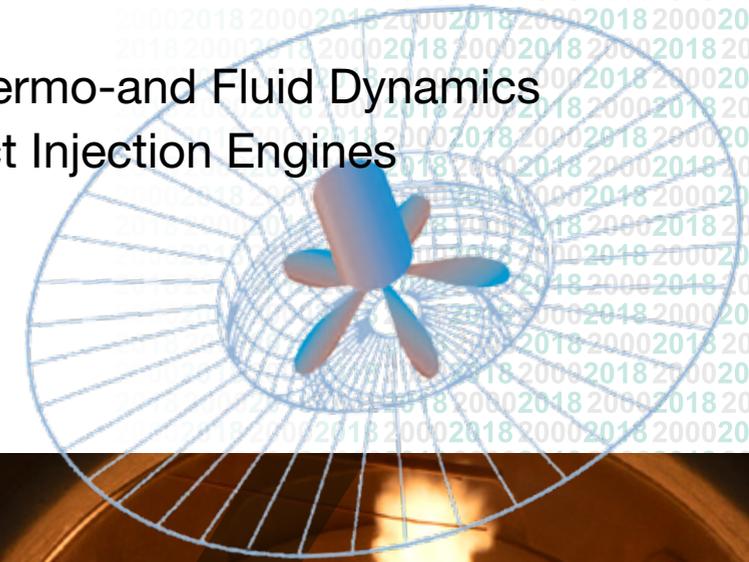
The fee includes:

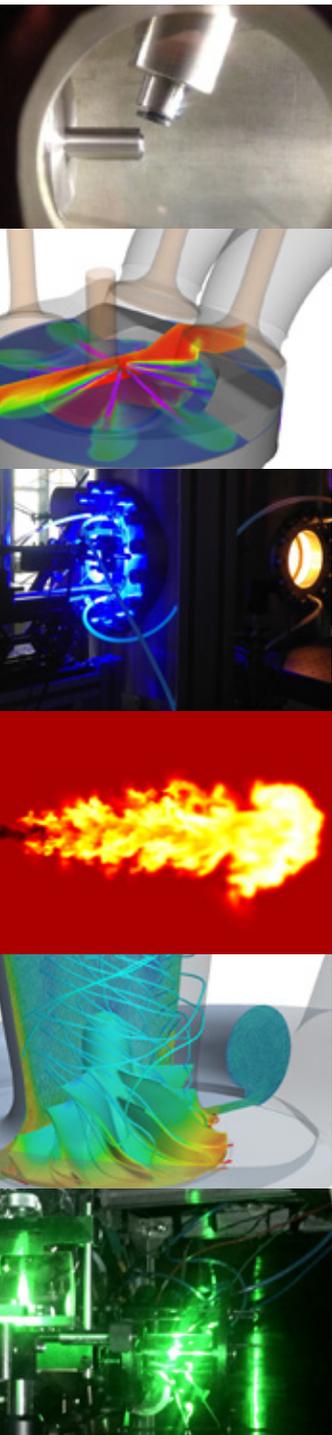
- Attendance to the Conference sessions.
- Coffee breaks and lunches during the Conference.
- Welcome reception and closure gala dinner.
- Conference Proceedings (USB).
- Free bus transport from conference hotels to conference site.

## THIESEL 2018

# Conference on Thermo-and Fluid Dynamics Processes in Direct Injection Engines

X ANNIVERSARY





## OVERVIEW AND OBJECTIVES

THIESEL 2018 is the **tenth edition** of the THIESEL Conference on Thermo-and Fluid Dynamic Processes in Direct Injection Engines and this anniversary is worth a celebration! It indicates that THIESEL has acquired over the past 20 years a consolidated position as a meeting point between industry, research institutions and academia involved in R&D for automotive engines. And naturally, it strives to remain a reference forum for the next 20 years.

True, combustion engines are widely unpopular nowadays and manufacturers face even tougher environmental challenges. However, no doubt combustion engines will remain the main propulsion system in transport for the next 20 to 50 years, at least for as long as alternative solutions cannot provide the flexibility expected by customers of the 21st century.

THIESEL 2018 aims at providing the ideal setting for the high tech exchanges of knowledge and experience between the main actors of the automotive R&D sector that will lead to engine concepts adapted to the new societal needs.

## SCHEDULE

· Deadline for abstract submission	8 <sup>th</sup> January 2018
· Notification of acceptance	22 <sup>nd</sup> January 2018
· Manuscript (for peer review) to be submitted by	20 <sup>th</sup> March 2018
· Final acceptance of papers	10 <sup>th</sup> June 2018
· Poster abstracts	25 <sup>th</sup> June 2018
· Final paper to be submitted by	25 <sup>th</sup> June 2018

## CALL FOR PAPERS

THIESEL 2018 calls for good quality papers from both Industry and Academia, describing the most recent developments and latest innovations relative to thermo-and fluid dynamic processes in direct injection engines. The Conference will be centred on experimental and theoretical work topics, which include:

· Direct Injection Engines & Environment	· Engine Modelling
· Experimental Techniques	· New Concepts

With specific focus on:

· Air Management Processes	· Emission Control Strategies
· Turbo-charging	· Noise Control
· DI Fuel Sprays	· Thermal Management
· Combustion & Pollutant Formation	· After-treatment Techniques

Abstracts of about 300 words including the objectives of the paper, the methodology used, some preliminary results if available and the main conclusions should be submitted through the website authors' area ([www.cmt.upv.es](http://www.cmt.upv.es), icon THIESEL).

A selection of the best papers to be presented at the conference will be published in a **special issue of the International Journal of Engine Research**.

After the preliminary selection, abstracts not accepted as full papers may be presented for the **poster session**. The authors of accepted posters may present a three-pages abstract for publication in the Conference Proceedings.

## CONFERENCE EXHIBITION

As in previous years, we are hoping to hold an exhibition with a selection of stands representing high-profile companies connected to the development of Direct Injection engine technology:

· Direct injection engine components
· Prototypes
· Measuring and diagnosis equipment
· Consulting and engineering
· Computational Fluid Dynamics tools
· Engine electronic control

Companies who wish to participate in this exhibition are encouraged to contact the Conference Secretariat at the address provided.

## EUROPEAN ORGANISING COMMITTEE

Prof. F. PAYRI · CMT, Universitat Politècnica de València (Spain)  
 Prof. J. M. DESANTES · CMT, Universitat Politècnica de València (Spain)  
 Prof. C. ARCOUMANIS · City, University of London (U.K.)  
 Dr. C. ANGELBERGER · IFP Energies Nouvelles (France)  
 Prof. T. KOCH · IFKM, Karlsruhe Institut für Technologie (Germany)

## OVERSEAS ORGANISING COMMITTEE

Prof. R. REITZ · University of Wisconsin-Madison (U.S.A.)  
 Prof. J. SENDA · Doshisha University (Japan)  
 Dr. P. MILES · Sandia National Laboratories (U.S.A.)  
 Prof. C. BAE · KAIST (Korea)  
 Dr. D. SIEBERS · Honorary Member (U.S.A.)

## CONFERENCE COORDINATOR

Dr. X. MARGOT · CMT, Universitat Politècnica de València (Spain)

## ADVISORY AND SCIENTIFIC COMMITTEE

Prof. O. ARMAS · Universidad de Castilla La Mancha (Spain)  
 Prof. J. BENAJES · Universitat Politècnica de València (Spain)  
 Prof. C. BRACE · University of Bath (U.K.)  
 Prof. W. K. CHENG · M.I.T. (U.S.A.)  
 Dr. G. COMA · Renault (France)  
 Dr. A. COSTALL · Imperial College London (U.K.)  
 Dr. G. DE PAOLA · IFP Energies Nouvelles (France)  
 Dr. P. GASTALDI · Renault (France)  
 Mr. B. GESSIER · Valeo Engine Cooling (France)  
 Dr. N. GUERRASSI · Delphi Automotive Systems (Luxemburg)  
 Dr. O. KASTNER · Continental Automotive (Germany)  
 Dr. F. KREMER · AUDI (Germany)  
 Dr. C. KRUEGER · Daimler (Germany)  
 Prof. M. LAPUERTA · Universidad de Castilla La Mancha (Spain)  
 Dr. M. LEJEUNE · Volvo Powertrain France (France)  
 Prof. L. LE MOYNE · ISAT (France)  
 Mr. P. MALLET · Renault(France)  
 Dr. X. MARGOT · Universitat Politècnica de València (Spain)  
 Prof. F. MAROTEAUX · Université de Versailles (UVSQ) (France)  
 Prof. F. MILLO · Politecnico di Torino (Italy)  
 Dr. A. MOHAMMADI · Toyota Motor Europe (Belgium)  
 Prof. E. MURASE · Kyushu University (Japan)  
 Prof. H. OGAWA · Hokkaidou University(Japan)  
 Prof. A. ONORATI · Politecnico di Milano (Italy)  
 Prof. H. PITSCH · RWTH Aachen (Germany)  
 Dr. M. POTTER · General Motors (U.S.A.)  
 Dr. P. PRIESCHING · AVL (Austria)  
 Dr. F. RAVET · Renault (France)  
 Prof. H. ROTTENGRUBER · OvGU Magdeburg (Germany)  
 Dr. O. SALVAT · PSA Peugeot Citroën (France)  
 Dr. L. SMITH · Jaguar Land Rover (U.K.)  
 Dr. C. SOTERIOU · Consulting Engineer (U.K.)  
 Prof. F. TINAUT · Universidad de Valladolid (Spain)  
 Dr. G. TINSCHMANN · GE Power & Water (Austria)  
 Mr. T. TOMODA · Toyota Motor Corporation (Japan)  
 Prof. A. TORREGROSA · Universitat Politècnica de València (Spain)  
 Dr. B. VAGLIECO · Istituto Motori (Italy)  
 Mr. A. WARD · Ricardo (U.K.)  
 Dr. A. WIMMER · LEC (Austria)  
 Dr. W. ZHUGE · Tsinghua University (China)

