

Map of ETH Zentrum

**Registration deadline:** April 12, 2015

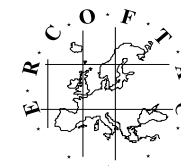
The attached registration form has to be e-mailed or faxed to:

**Ms. Bianca Maspero, Secretary of the IFD**  
**ETH Zentrum, ML H 35**  
**Sonneggstrasse 3**  
**CH-8092 Zürich**

**Phone:** +41-44-632 26 47  
**Fax:** +41-44-632 11 47  
**Email:** [maspero@ifd.mavt.ethz.ch](mailto:maspero@ifd.mavt.ethz.ch)  
**Web:** <http://www.ifd.mavt.ethz.ch>

A fee of 30 CHF has to be paid in cash at the registration desk

- no charge for ERCOFTAC members, speakers and students
- dinner and lunch are not included in the fee



European Research Community on Flow Turbulence and Combustion

## ERCOFTAC Spring Festival

April 23-24, 2015

**GEP-Pavillon, ETH Zürich**  
**Leonhardstrasse 34, 8092 Zürich, Switzerland**

organized by the

**Leonard Euler Center**  
(Swiss ERCOFTAC Pilot Center)

hosted by the

**Institute of Fluid Dynamics (IFD), ETH Zürich**

The European Research Community on Flow, Turbulence and Combustion (ERCOFTAC) was founded in 1988. One of its activities is to stimulate the exchange of research results, and to strengthen the research in flow, turbulence and combustion.

The Leonard Euler Center (LEC) is the Swiss Pilot Center within the ERCOFTAC association. The LEC organizes each year a meeting, where member scientists actively involved in fluid dynamics research can meet and discuss their work. Following the annual meetings organized between 1993 and 2012, the Scientific Committee of the Leonard Euler Center will organize the ERCOFTAC Spring Festival 2015 at ETH Zürich on April 23 and 24, 2015, hosted by the Institute of Fluid Dynamics (IFD). The first day will consist of a conference with eight invited lectures and the second day is reserved for administrative meetings.

## PROGRAM – April 23, 2015

09:30 – 09:50 **Registration**, Coffee

09:50 – 10:00 Welcome and Opening  
Prof. Patrick Jenny, ETH Zurich  
Prof. Ananias Tomboulides, Thessaloniki

### Invited Lectures

10:00 – 10:45 **Spots, Stripes & Turbulence –  
Pattern-Formation in Shear Flows**  
Prof. Tobias Schneider, EPF Lausanne

10:45 – 11:15 **Coffee Break**

11:15 – 12:00 **Combustion at Low Mach Number and  
its Direct Numerical Simulation at  
Large Scale**  
Dr. Christos Frouzakis, ETH Zurich

12:00 – 12:45 **Experimental Investigation of  
Turbulent Flame Speed for Lean  
Premixed Hydrogen-Rich Fuel Mixtures**  
Dr. Peter Jansohn, PSI

12:45 – 14:00 **Lunch**

14:00 – 14:45 **CFD for Industrial Applications:  
Quo Vadis?**  
Prof. Ernesto Casartelli, HSLU

14:45 – 15:30 **Correlated Stochastic Processes  
for Low Mach Rarefied Gas Flow  
Simulations**  
Dr. Hossein Gorji, ETH Zurich

15:30 – 15:50 **Modulated Turbulence for  
Intensified Combustion**  
Prof. Bernard Geurts, University of Twente

15:50 – 16:10 **Wind Farm Aerodynamics  
and Acoustics**  
Dr. Dominic von Terzi, GE Research

16:10 – 16:30 **High-Performance Computing for  
Modern Combustion Research**  
Prof. Ananias Tomboulides, Thessaloniki

16:15 – 16:30 Closing Remarks and Coffee

### Meeting of the LEC Scientific Committee

16:30 – (separate agenda)

18:30 – **Dinner**

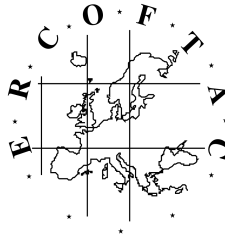
## PROGRAM – April 24, 2015

09:00 – 11:30 SPC and KNC Meetings in parallel  
Prof. Bernard Geurts, SPC Chairman  
Prof. Anthony Hutton, KNC Chairman

11:30 – 12:15 SPC and KNC Meetings together  
Prof. Ananias Tomboulides, ERCOFTAC Chairman

12:15 – 13:45 **Lunch**

13:45 – 17:00 Executive Committee Meeting  
Prof. Ananias Tomboulides, ERCOFTAC Chairman



*European Research Community on Flow Turbulence and Combustion*

## 2015 ERCOFTAC Spring Festival

ETH Zürich – GEP-Pavillon  
Leonhardstrasse 34  
8092 Zürich  
Switzerland

April 23–24, 2015

### REGISTRATION FORM

I participate on April 23: Yes  No   
I participate on April 24: Yes  No   
I participate at the dinner: Yes  No

First and last name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Email address \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

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