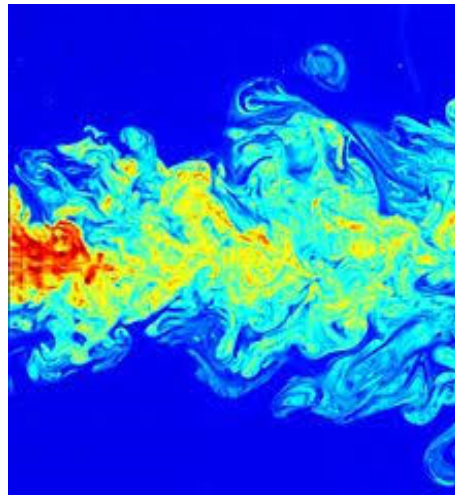




International Workshop on Complex Turbulent Flows



27-28 November 2017
Larache-MOROCCO

GENERAL INFORMATION

The Polydisciplinary Faculty of Larache "FPL" and University Abdelmalek Essaadi "UAE" in collaboration with the European Research Community On Flow, Turbulence and Combustion "ERCOFTAC" organize the international Workshop on the Complex Turbulent Flows (IWCTF2017) will be held in Larache, Morocco from 27th-28th November 2017. The IWCTF2017 brings together researchers from universities and research laboratories around the world to discuss in depth the advanced methods used to study non-linear and their application on geophysical and astrophysical flows. These complex techniques are fundamental in real complex flows, in environmental studies, to predict diffusion and mixing, such as atmospheric and ocean pollutants in soil processes and percolation, in sediment transport, heat and mass transport, convection, Computational Fluid Dynamic, Fluid-structure interaction, etc...

ABSTRACTS SUBMISSION

Participants are requested to submit their abstracts (1page) using the Latex templates [Template.zip](#). All abstracts must be written in English. A presenter may indicate if their work is suitable for presentation as an "oral presentation", a "poster", or "no preference". The final decision on oral presentations, however, is with the reviewing Scientific Committee. All abstracts submissions should be sent in electronic version (PDF format) to the following address : IWCTF2017@fpl.ma.

- Abstract Submission Deadline : **Friday, October 20th, 2017**
- Notification of acceptance : **Friday, October 30th, 2017**

The official languages of the conference are English and French.

The scientific committee will select papers to be published in an indexed journal in collaboration with ERCOFTAC.

ORGANIZING COMMITTEE

- Pr. Otman Ben Mahjoub (Univ. Abdelmalek Essaadi-FPL, Morocco)
- Pr. Aziz Ouadoud (Univ. Abdelmalek Essaadi-FPL, Morocco)
- Dr. Jackson Tellez (Univ. Politècnica de Catalunya , Spain)
- Pr. Ahmed Ouazzani (Univ. Abdelmalek Essaadi-FPL, Morocco)
- Pr. Jihad Jamï (Univ. Abdelmalek Essaadi, Morocco)

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- Pr. Sergei Strijhak (Russian Academy of Sciences, Russia)
- Pr. Tomas Bodnar (Czech Technical University in Prague, Czech Republic)
- Pr. Marta Waclawczyk (University of Warsaw, Poland)
- Pr. Franck Nicolleau (Univ. Sheffield, United Kingdom)
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- Pr. Luminita Danaila (Université de Rouen, France)
- Pr. Watanabe Takeshi (Nagoya Institute of Technology, Japan)
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- Pr. Michael Bestehorn (Brandenburg University of Technology Cottbus-Senftenberg, Germany)
- Pr. Josef Schröttle (Ludwig-Maximilians-Universität München, Germany)
- Pr. Tim Granata (Univ. Lucerne of Applied Sciences and Arts, Swiss)
- Pr. Bartosz Protas (Univ. McMaster, Canada)
- Pr. Jordi Vilà Guerau de Arellano (Univ. Wageningen, Netherlands)
- Pr. Cesar Mosso (Univ. Politècnica de Catalunya, Spain)
- Pr. Vicente Gracia (Univ. Politècnica de Catalunya, Spain)
- Pr. Jordi Prats (Univ. Politècnica de Catalunya, Spain)

- Pr. Xavi Gironella (Univ. Politècnica de Catalunya, Spain)
- Pr. Antonio Lecuona (University Carlos III de Madrid, Spain)
- Pr. Allen Bateman (Univ. Politècnica de Catalunya, Spain)
- Pr. David Pino (Univ. Politècnica de Catalunya, Spain)
- Pr. Adil Chahboun (Univ. Abdelmalek Essaadi, Morocco)
- Pr. Abdeslam Draoui (Univ. Abdelmalek Essaadi, Morocco)
- Pr. N. A. Malik (King Fahd University of Petroleum and Minerals, Saudi Arabia)
- Pr. Otman Ben Mahjoub (Univ. Abdelmalek Essaadi-FPL, Morocco)
- Pr. Aziz Ouadoud (Univ. Abdelmalek Essaadi-FPL, Morocco)

INVITED SPEAKERS

- Pr. José M. Redondo (Univ. Politècnica de Catalunya, Spain)
- Pr. Philippe Fraunié (Univ. Sud.Toulon-Var, France)
- Pr. Yuli Chashechkin (Institute for Problems in Mechanics, Russia)
- Pr. Tomas Bodnar (Czech Technical University in Prague, Czech Republic)
- Pr. J.C. Vassilicos (Imperial College, United Kingdom)
- Pr. Claude Cambon (École Centrale de Lyon, France)
- Pr. Ahmed Naji (Univ. Abdelmalek Essaadi, Morocco)
- Pr. Fabien Godeferd (École Centrale de Lyon, France)
- Pr. Tim Granata (Univ. Lucerne of Applied Sciences and Arts, Swiss)

TOPICS

Abstracts for review can be submitted for oral or poster presentations in one of the topics below.

- Multi-scale processes in Fluid Dynamics
- Transfer of heat and mass
- Astrophysical and Geophysical Turbulence
- Vortex dynamics and structure formation
- Multi-fractal and Synthetic Turbulence applications
- Mixing and Dispersion
- Intermittency and coherent structures in homogeneous and non-homogeneous turbulence
- Turbulence and mixing in high speed flows
- Laboratory experiments in Industrial and Environmental flows
- Turbulence Modelling, Aerodynamics and Combustion

- Advanced numerical methods in fluids
- Computational Fluid Dynamic
- Grid and High Performance Computing
- Meshless /BEM Methods/Multgrid/Multilevel Methods
- Interaction fluid structure
- Hydrodynamic instabilities and flow control
- Rheology and Complex Fluids

PROGRAMME

The program can be downloaded [here](#)

The proceeding of abstracts is available [here](#)

REGISTRATION

The basic registration fee includes : Entrance to all workshop sessions, the Workshop proceedings and Coffee breaks. You need to put the amount

Registration Type	Early registration (until October 31th, 2017)	Late registration (after October 31th, 2017)
Member ERCOFTAC	1000DH(€100)	1500DH(€150)
Non Member ERCOFTAC	1500DH(€150)	2000DH(€200)
PhD Student	500DH(€50)	1000DH(€100)

manually according to the registration fees indicated above. Lunch and accommodation are not included in this rate. The cost of any additional event like workshop dinner 400DH (€40) must be added to the registration fees.

- PAYMENT
 - Payment to : AOSEF FPL
 - IBAN :164 735 2111624131770009 67
 - Bank Name : POPULAIRE BANQUE
 - Bank Address : Avenue Omar Ben Abdelaziz, Larache, Morocco
 - BIC : BCPOMAMC
 - Reference Reason : IWCTF2017

Bank charges are the responsibility of the customer and should be paid at source in addition to registration fees. Registration will only be deemed valid following receipt of payment from the bank for the fee due at :

IWCTF2017@fpl.ma

GRANTS

A limited number of grants covering part of travel expenses and accommodation will be offered to PhD students and young researchers attending the workshop and presenting their work. To apply for a grant please send your CV together with a recommendation letter by your advisor and a copy of your abstract to IWCTF2017@fpl.ma (before **October 13th, 2017**).

VENUE AND ACCOMMODATION

The workshop will take place at Larache at LIXUS BEACH RESORT Hotel (www.lixusbeachresort.com). Participants who prefer to stay at other hotels in Larache will have a free transport service available during the workshop.

CONTACT

For further information please contact :

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