

# Programme

## Day One - 16th of June

(at House of Music, piazzale S. Francesco 1)

Keynote by Prof. Joe J. Monaghan (Monash University, Melbourne, Australia), 5 Sessions of regular presentations, at the end of the day a Panel discussion on Incompressibility enforcement in SPH will be followed by the welcome cocktail.

## Day two -17th of June

(at House of Music)

Keynote by Prof. Prof. Robert A. Dalrymple (Johns Hopkins University, USA). 5 Sessions of regular presentations, a panel discussion on adaptivity will take place at the end of the day. In the evening the Banquet will be offered at villa Magnani-Rocca.

## Day three 18th of June

(Strada al Ponte Caprazucca, 6/a, Parma, Italy)

5 Sessions of regular presentation, closing ceremony and award.

Courtesy of DualSPHysics team (dual.sphysics.org)

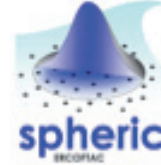


SPHERIC 2015 PARMA 16-18 GIUGNO

[www.spheric2015.unipr.it](http://www.spheric2015.unipr.it)  
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SPHERIC 2015 PARMA 16-18 GIUGNO



*Unione Parmense degli Industriali*



10<sup>th</sup> SPHERIC INTERNATIONAL  
WORKSHOP 2015  
June 16-18 2015



UNIVERSITÀ DEGLI STUDI DI PARMA

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## About Parma

Parma is an elegant city where reigns a refined atmosphere that can only be breathed in a 'petite capitale', with its centre rich of art, parks and treasures from different ages, it is a very welcoming place, able to hold tourists and citizens with its manners.

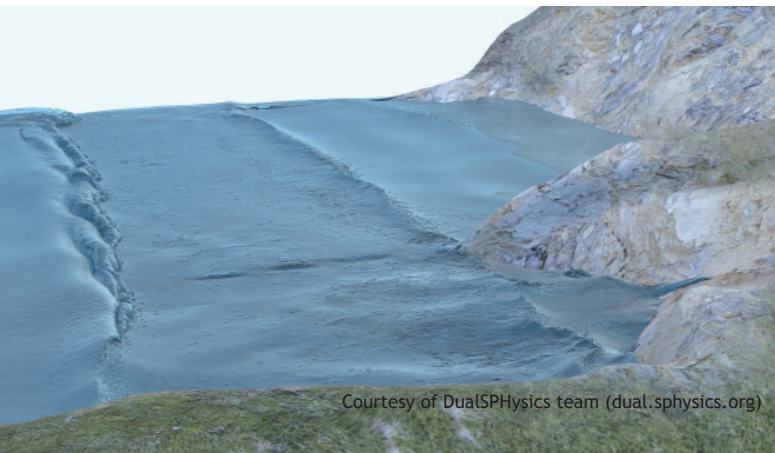
## Training day - 15<sup>th</sup> of June

(at University Campus)

A Training Day is offered on the 15<sup>th</sup> of June, The training is most suitable for researchers who are familiar with the principles of SPH but are beginning their work in the field. More experienced SPH developers and users may find that the training day is a useful opportunity for sharing insights and ideas.

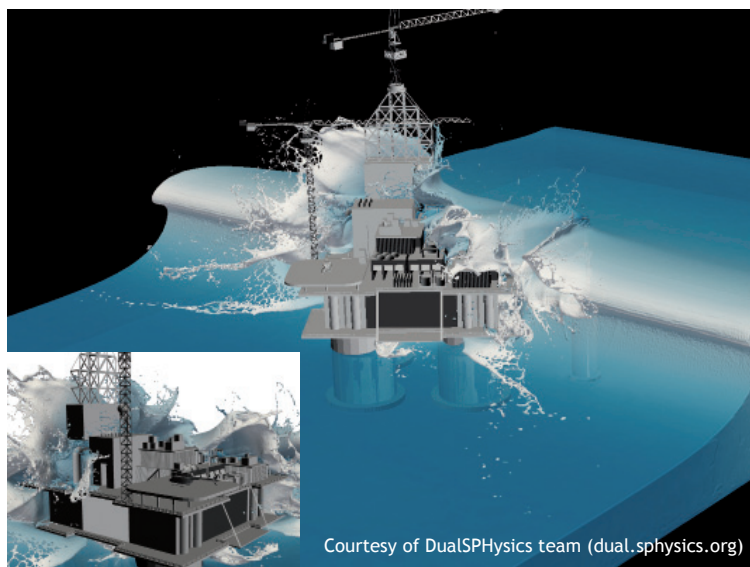
The training day is structured into two parts: Theory and Applications of SPH (10:00-12:30). First presentation: "Introduction to SPH", by Prof. S. Sibilla (University of Pavia, Italy). Second presentation: MPS - SPH comparison by Prof. Antonio Souto Iglesias (Universidad Politecnica de Madrid, Spain).

Simulation and Postprocessing (13:30-16:00): The afternoon session will be devoted to visualization and analysis of SPH data using the ParaView package. Topics will be demonstrated based upon practical examples in the open-source SPH solver DualSPHysics.



## Info about the congress

You are cordially invited to the 10<sup>th</sup> International Smoothed Particle Hydrodynamics European Research Interest Community (SPHERIC) Workshop. The SPHERIC workshops are the only worldwide events which exclusively focus on the Smoothed Particle Hydrodynamics (SPH) methodology and related simulation approaches.



## Joe Monaghan prize

To celebrate the 10<sup>th</sup> anniversary of the workshop The Joe Monaghan Prize will be appointed to recognize SPH researchers who make outstanding advances in one or more SPHERIC Grand Challenges (convergence, numerical stability, boundary conditions, and adaptivity).

## Important dates

20 February 2015	Abstract Submission
13 March 2015	Announcement of Selected Abstracts
6 April 2015	Early Registration Deadline
27 April 2015	Final Paper Submission
4 May 2015	Author Registration Deadline
1 June 2015	Regular Registration Deadline
15 June 2015	Training Day
16-18 June 2015	Workshop