



# Cargèse International Workshop 2020

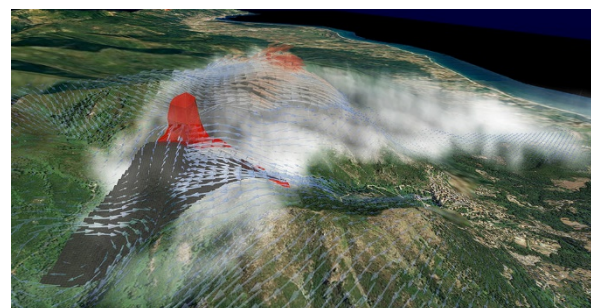
## Numerical Wildfire 2020

May 11 - 16, 2020

### Web site

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More frequent occurrence of large wildfire events is a major public safety concern, as is their possible increase with climate change. Advances across a broad range of scientific disciplines can help predict the outcomes, guide decision support, and therefore help to mitigate losses from large wildfires.

In particular, we note the availability of large computing facilities and new observation systems that can enhance our ability to estimate and forecast wildfire.

The Numerical Wildfire 2020 workshop is specifically focused on this topic, gathering scientists to synthesize approaches that can provide pragmatic answers to current problems with tools that can be made available rapidly- i.e. within 1-2 years - to decision makers.

This event is organized jointly with the IBBI ( Interdisciplinary Biomass Burning Initiative) to mutually benefit of the scientific advance performed in the field of fire in the global earth system. (<http://www.igacproject.org/activities/IBBI>)

#### Main topics will include

- Meso and micro fire meteorology
- Experiments design for model evaluation
- Fire induced atmospheric chemistry
- Data driving fire simulation (soil, )
- Fire-atmosphere coupling
- Wildfire model evaluation
- Wild-fire risk estimation and economical quantificatio

#### Eminent scientists in the field will animate the workshop. These include:

*Craig Clements, (San- José State Univ Fire Weather lab.), Albert Simeoni, (WPI), Mark Finney, (USDA), Adam Kochansky, (Univ of Utah), Arnaud Trouvé, (Univ of Maryland), Michele Salis, (National Research Council, CNR-IBE, Sassari, Italy), Alexander Filkov, (Univ of Melbourne), Marc Castellnou, (Pau Costa foundation), William (Ruddy) Mell, (U.S. Forest Service)*

#### Scientific Committee

Antoine Belgodère, (LISA, Corte), Jean Baptiste Filippi, (SPE, Corte), Christine Lac (CNRM, Toulouse), Jean François Leon (LA, Toulouse), Vivien Mallet (INRIA, Paris), Mélanie Rochoux (CERFACS, Toulouse), Johannes Kaiser (IBBI - MaxPlanck), Robert Field (IBBI - NASA/Columbia)

#### Organizer Committee

Antoine Belgodère (LISA Corte), Jean-Baptiste Filippi (SPE Corte)

#### Application and registration

[https://firecaster.universita.corsica/article.php?id\\_art=3435&id\\_rub=0&id\\_menu=0&id\\_cat=0&id\\_site=36&lang=fr](https://firecaster.universita.corsica/article.php?id_art=3435&id_rub=0&id_menu=0&id_cat=0&id_site=36&lang=fr)

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Deadline Application : 2020 February 20th