



# 2019 FLUIDS AND HEALTH CONFERENCE

fluids-health.org

## Fluid Dynamics of **DISEASE TRANSMISSION**

CARGÉSE  
INTERNATIONAL  
SCHOOL 2019

INSTITUT D'ÉTUDES  
SCIENTIFIQUES  
DE CARGESE

**T**his school-conference provides the selected participants an international forum to exchange on frontier research and discuss challenges in health, including infectious diseases, food safety, drug delivery, agricultural and food sciences and policy, where fluid dynamics is at the core. The event is a hybrid between a conference and school, with in-depth lectures for training on topics at the frontier of the field, combined with flash-talks and poster sessions for selected participants, and interdisciplinary group work taking place throughout the meeting.

### KEYNOTE LECTURERS INCLUDE:

**JAMES HUGHES**, MD, Emory U.

**PIERRE PARNEIX**, MD, SF2H

**HOWARD HELLER**, MD, MIT-Harvard

**WILLIAM JONES**, PhD, FDA

**DON AYLOR**, PhD, Connecticut

**SEBASTIEN SAINT-JEAN**, PhD, INRA

**ANDREW WOODS**, PhD, Cambridge U.

**EMMANUEL VILLERMAUX**, PhD, Aix Marseille U.

**JEFFREY KOSEFF**, PhD, Stanford U.

**JULY 23<sup>rd</sup> – AUG. 2<sup>nd</sup>**

APPLY BY MAY 15<sup>th</sup>

### EMINENT SCIENTISTS, POLICY MAKERS, AND HEALTHCARE PROFESSIONALS WILL CONTRIBUTE TO LECTURES ON:

- Respiratory, nosocomial, and waterborne infectious diseases
- Built environment and infection control
- Fragmentation, multiphase turbulent flow transport and mixing
- Agriculture and food safety, from field to fork
- Fluid-organism interactions at various scales
- Fluids and drug delivery

APPLY BY MAY 15TH 2019 to be selected as participant, fellow, speaker in flash-talk or poster sessions. The number of participants is limited and selection-based.

LIMITED ATTENDANCE  
AND FELLOWSHIPS

APPLY BY MAY 15<sup>th</sup>

CONFERENCE CHAIR: LYDIA BOUROUIBA, PhD, MIT

