

**Lecture series within the ANIMATE project**  
**Professor Luc Vervisch**  
Institut National des Sciences Appliquées de Rouen Normandie  
**Combustion Modeling**  
online lectures on 14<sup>th</sup> and 15<sup>th</sup> June 2021

Lectures schedule:

14<sup>th</sup> June 2021

Lecture 1: Basis of Turbulent combustion modeling (2 hours), 10:00 am : 12:00

Lecture 2: Combustion chemistry and its reduction for turbulent flame modeling (2 hours),  
2:00pm : 4:00 pm

15<sup>th</sup> June 2021

Lecture 3: Non-premixed and partially premixed turbulent combustion modeling (2 hours),  
10:00 am : 12:00

Lecture 4: Towards advanced modeling - Deconvolution and Machine learning (2 hours),  
2:00pm : 4:00 pm.

Everyone who wants to participate in these lectures is asked to send e-mail to  
[abogus@imc.pcz.pl](mailto:abogus@imc.pcz.pl) (A. Boguslawski) before 6<sup>th</sup> June 2021.