

# ***Mathematics, Modeling and Data Science Workshop***

**Mulhouse, 14-15 December 2017**

## **Speakers**

Dragan Poljak (Split, Croatie), Pasha Zusmanovich (Ostrava, Tchèque), Nikolaos Limnios (Sorbonne-Compiègne), Patrice Wira (UHA), Jonathan Weber, Germain Forestier (UHA), Sixin Zhang (ENS Paris), Loïc Teyssier (UdS, Strasbourg)

**Organizers.** Zakaria Belhachmi, Abdenacer Makhlouf, Patrice Wira.

## **Programme**

### **Thursday December, 14th 2017 (Bâtiment de Mathématique, salle 4)**

14:00 Loïc Teyssier (Université de Strasbourg)  
tba

15:00 Dragan Poljak (Split, Croatia)  
*Computational models in Electromagnetics: Applications in antennas, ground penetrating radar, bioelectromagnetics, grounding Systems, transmission lines, lightning and plasma physics.*

Coffee break

16:30 Jonathan Weber (Université de Haute Alsace)  
tba

17:30 Panel discussion

### **Friday December, 14th 2017 (FST 18, Amphi Gaston Berger)**

8:30 Nikolaos Limnios (Université Sorbonne-Compiègne)  
tba

9:30 Pasha Zusmanovich (Ostrava, Tchèque)  
tba

Coffee break

11:00 Patrice Wira (Université de Haute Alsace)  
*From Sensing the Real World to Smart Systems with Data Analysis and Machine Learning*

Lunch

13:30 Sixin Zhang (ENS Paris)  
*Texture Modeling with scattering Transforms*

14 :30 Germain Forestier (Université de Haute Alsace)  
tba

website : <https://zbelhach.github.io/MMDS/#>