

# MLDM Project

## Learning PDEs from Data: Application to Surface Engineering

Ariel GUERRA-ADAMES, Felipe CORTES JARAMILLO,  
Franck SIRGUEY, Bastian SCHÄFER

Université Jean Monnet  
Master in Machine Learning and Data Mining (MLDM)



Bi-weekly advances  
October 27th, 2023



# This is a title.

This is an example of a citation [Rudy et al., 2017].

## Example of an equation

$$\text{TC-UMass}(w_i, w_j, \epsilon) = \log \frac{D(w_i, w_j) + \epsilon}{D(w_j)} \quad (1)$$

Thank you!  
Any questions?

## References

- [Rudy et al., 2017] Rudy, S. H., Brunton, S. L., Proctor, J. L., and Kutz, J. N. (2017).  
Data-driven discovery of partial differential equations.  
*Science advances*, 3(4):e1602614.