

PROGRAMME DE LA JOURNEE du 23 Mars 2022

AI and Microfluidics ;

9h-9h10 Introduction : Annie Colin-Stéphanie Descroix  
New scientific projects

9h10-9h40 Janine Cossy :  
"Organic Chemistry: New Tools and Technology to Accelerate Chemical Process  
Research"

9h40-10h10 A. Allauzen  
"Introduction to IA"

Coffee Break 10h10 10h 40

10h40-11h 20 Robbie Radjagobalou  
"Paris FLOW Tech : why the combination of micro/milli-structured flow reactors and  
alternative activation energies could revolutionized the production of chemical  
compounds ?  
"

11h20 -12h00 Alexis Grimaud  
Intelligence Artificielle pour les batteries: un rêve ou une révolution en marche?

Après midi

14h00 -14h30 Pascal Hersen "AI and smart automation for Biology"

14h30-15h00 Rodolphe Vuillemier  
"Towards the design of novel molecules and of chemical reactions using machine  
learning"

15h00-15h30 Tristan Cazenave  
Monte Carlo Search and Molecules

Coffee Break

16h00-16h30 Carlo Adamo "Statistical approaches and Chemistry: a bridge  
between electronic structure and macroscopic properties"

16H30 17h00 Discussion

17h00 18h 00 Drink