



Written on 12 December 2023



2 minutes of reading



Events

Fundamental Research

Microfluidics



13 - 15 November 2024

**IFPEN is pleased to announce the 3rd International symposium on Microfluidics 2024: using microfluidics to meet energy and environmental challenges**

**13-15 November 2024**



# μ FLUIDICS

SAVE THE DATE

13 - 15 November 2024  
Rueil-Malmaison - France

3<sup>rd</sup> International symposium

ifpen  
Les rencontres  
scientifiques



Energy production, recovery & storage : Identifying and understanding limiting phenomena

## Batteries

H<sub>2</sub>  
Salinity gradient  
etc.

Industry decarbonization

## CO<sub>2</sub> storage

H<sub>2</sub>  
Process optimization/intensification  
Energy efficiency  
etc.

Water resources management

## Pollutant identification

Water pollution remediation  
Water quality monitoring (Urban and industrial networks)  
etc.

Topics: microfluidics for understanding and microfluidics as tools/sensors  
Tools: HP-HT, sensors, analysis, on-board sensors (latent heat, piezo, etc.)  
Understanding

***Drawing inspiration from the living world via bio and geomimicry to solve these challenges!***

Microfluidics 2024 : meeting energy and environmental challenges  
12 December 2023

Link to the web page :