

## 17<sup>e</sup> Colloque Ile de Science Paris-Saclay

### JUMEAUX NUMERIQUES

Diversité, défis scientifiques, enjeux sociétaux et industriels

Jeudi 9 février 2023

CentraleSupélec



## INTERVENANT(E)S – FICHE DE PRESENTATION

**NOM/Prénom : MANGEANT Fabien**

**Appartenance (organisme) : Air Liquide**

**Titre/Fonction : Directeur Scientifique Computations & Data Sciences**

### Courte biographie :

Fabien MANGEANT is Scientific Director at Air Liquide, particularly in charge of Mathematical Modelling & Artificial Intelligence.

With a double degree in engineering from CentraleSupélec and a master research in Material Sciences from Paris Sorbonne University, he ran at Airbus Group the R&D teams on mathematical modeling, developing methods and tools to support virtual testing, robust design, risk analysis and multidisciplinary optimization. In Renault Group, he managed the transverse expert network in data, statistics and artificial intelligence belonging to all the core functions of the company (engineering, quality, supply-chain, manufacturing, marketing, information technology).

His technical expertise is at the interface between systems engineering, mathematical modeling and digital platform technologies. He has managed several software initiatives, transferring research and innovation to the operational field and putting in place governance in diverse ecosystems.

He is also member of the AMIES agency since 2017 (Agence des Mathématiques en Interaction avec l'Entreprise et la Société), former member of the GDR MASCOT NUM and evaluator of several INRIA and ANR projects. He was also associate professor in different engineering schools and universities.

**Photo :**

