

Dr. Juliette Mattioli



Juliette Mattioli (PhD), Thales AI Fellow, started as a high school mathematics teacher in 1982. She joined the Thomson-CSF research team in 1990 as a PhD student working on pattern recognition systems, and in 1993 earned a PhD in mathematics applied to AI from Paris IX Dauphine University, with a thesis on "Inverse Problems and Differential Relations in Mathematical Morphology", focusing on viability theory and neural networks. In 1996, she turned to decision support, combinatorial problem-solving, and AI planning. In 2001, she directed an Industrial Research Lab focusing on combinatorial optimization, AI planning, constrained programming, and decision support. In 2005, she established a new research focus on information fusion combining semantics and knowledge-based reasoning, and she led research at Thales focusing on information fusion, combinatorial problem-solving, optimization and decision support, cyber security and big data. She joined Thales's Technical Directorate in 2010. In 2017, she was appointed Senior AI Expert, and in 2024 Thales AI Fellow. In 2017. She was a G7 Innovators' Conference on artificial intelligence representative from France, as a member of the #FranceIA mission and she received in 2026 a "Margaret Award" for intrapreneurship for her work on trustworthy AI engineering.