### Samuel FOREST

Centre des Matériaux

Mines Paris PSL

CNRS UMR 7633

21 Allée des Marronniers

78000 Versailles, France

samuel.forest@minesparis.psl.eu

http://matperso.mines-paristech.fr/People/samuel.forest/&?lang=en

ResearcherID : F-5496-2010 ORCID : http://orcid.org/0000-0002-8869-3942

Samuel Forest is research director at CNRS and professor of continuum mechanics at Mines Paris. He obtained his PhD in Materials Science and Engineering in 1996 at Mines Paris and his Habilitation to direct research in Mechanics in 2004 at Sorbonne University. His work aims at introducing the physical aspects of deformation and fracture of materials into the framework of continuum mechanics, especially for aeronautical industrial applications. He has participated in the recent developments of the mechanics of generalized continua.

He has published more than 200 articles in international journals in mechanics and physics of materials and structures. He has supervised more than 55 PhD theses, notably within the framework of projects with industrial partners in aeronautics, energy and material processing.

From 2009 to 2018, he directed the CNRS Fédération Francilienne de Mécanique, Matériaux, Structures et Procédés.

He received the bronze (1998) and silver (2012) medals from the CNRS, the Jean Mandel Prize (2001) and the Huy Duong Bui Prize (2022) from the French Academy of Sciences. He recently became a *Fellow of the Euromech Society* for his contributions in computational mechanical metallurgy. He is Editor in Chief of *Comptes Rendus Mécanique* and Associate Editor for *Journal of the Mechanics and Physics of Solids*, and member of the editorial board of three other international journals. He has been elected as a membre of the French Academy of Sciences in 2022.

