We are pleased to announce that the 2020 Levi-Civita Prize for the Mathematical and Mechanical Sciences will be awarded to Prof. Grégoire Allaire for his outstanding and rigorous research in the mathematical theory of "two-scale" homogenization, which has been an exciting and challenging stimulus to a whole generation of applied mathematicians. The Levi-Civita Prize carries a silver medal and a diploma and it is accompanied by The Levi-Civita Lecture honoring the memory of the famous Italian mathematical physicist with a distinguished contribution of the recipient of the Prize. The prize will be handed in at the International Conference on Nonlinear Solid Mechanics 2022, which will be held in Alghero on the days 13-16 June 2022.

Grégoire Allaire is a Professor of Applied Mathematics at École Polytechnique. He received his Ph.D. from Pierre et Marie Curie (Paris 6) University in 1989, then held a post-doctoral position at the Courant Institute of New York University before joining the French Atomic Energy Commission as a researcher. In 1997 he moved to Pierre et Marie Curie University as a Professor of Applied Mathematics and then to École Polytechnique. Professor Allaire's research focuses on the mathematical modeling, numerical simulation and optimization of physical and mechanical problems. In particular, he is a specialist in multi-scale analysis and homogenization, as well as in the shape and topology optimization of structures.