

# Dr. Ayech Benjeddou

University Professor (exceptional class)

## Short-bio:

Mr. Dr. Ayech Benjeddou teaches at Institut Supérieur de Mécanique de Paris (SupMéca) of *Intelligent Materials & Adaptive Structures, Structural Vibrations & Controls, Composite Structures & Finite Element Methods*.

He is also a researcher at ROBERVAL common laboratory of Université de Technologie de Compiègne (UTC) & Centre National de la Recherche Scientifique (CNRS), where his current research interests are in: *energy harvesting* for wireless structural health monitoring of composite structures, *multilayer benders* for medical applications, *smart composites* for connected structures and *semi-analytical solutions* for smart structures and laminated composites.

Dr. Benjeddou cumulates more than 25 years of research experience in modelling, simulation and testing of *piezoelectric smart materials, structures & systems*, during which he published around 250 articles, conferences, editorials, edited books & chapters. Furthermore, Dr. Benjeddou evaluated several research projects, big equipments and researchers' ranking, promotion and tenure applications for European, North American, African & Asian research universities & agencies. He was senior editor of *J. of Vibration & Control* and associate editor of *Smart Materials & Structures* and *J of Intelligent Material Systems & Structures*.

Currently, he is associate editor of *J. of Vibration & Control, Int. J. of Smart & Nano Materials* and *ISSS J. Micro & Smart Systems*, Contributing editor of *Mechanics of Advanced Materials & Structures*, and editorial board member of *Smart Structures & Systems, and Computers, Materials & Continua*. He edited, for them and others, more than 20 special, thematic and focus issues and honoring volume, and reviewed for around 100 journals. Dr. Benjeddou gave around 40 plenary, keynote, special and invited lectures.

He organized more than 25 conferences, tracks, mini-symposia and special sessions and he chaired around 65 plenary, keynote or regular sessions. After (co-)chairing successfully its 2017 and 2019 editions, Dr. Benjeddou became the coordinator of the *ECCOMAS Thematic Conf. on Smart Structures & Materials* series that holds odd years.

Dr. Benjeddou spent 20 invited stays for seminars and winter or summer courses in seven countries from Europe, Africa and Asia.

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