

Claude Henri LAMARQUE

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Claude Henri Lamarque received his Diploma of Civil Engineer from the "Ecole Nationale des TPE" (ENTPE, University of Lyon), his Master Degree in Applied Mathematics (Univ. Saint-Etienne), Agrégation (Mathematics), his PhD from the Ecole Centrale de Lyon, France. He obtained Habilitation Degree from Univ. Claude Bernard Lyon 1.

Currently he is Professor at ENTPE, University of Lyon. He is member of "Laboratoire de Tribologie & Dynamique des Systèmes" (LTDS, UMR CNRS 5513) where he is responsible of the ENTPE's component. He is also, since 2011, member of LabEx CeLyA.

Prof. Lamarque's research activities focus on the nonlinear dynamical behaviours (modeling, identification, control, smooth or non smooth, applied mathematics, wavelets, nonlinear vibrations and waves, localisation of energy, analytical methods) of mechanical systems with applications to infrastructures engineering, buildings, vehicles, ropeways, cables systems.

He has been the supervisor of more than 40 PhD students and of many research projects. He is the author of more than 160 publications. He has been associate editor of "Journal of Computational and Nonlinear Dynamics" (2007-2014). He is associate editor of "Nonlinear Dynamics" (2018-) and "Journal of Vibration and Control" (2014-).

He is a well know expert in the field of nonlinear dynamics. He initiated a series of international conferences on Nonlinear Normal Modes and Localization (7th conference in Marseille in 2019). He has been Director of GDR 3437 CNRS DYNOLIN (2011-2019). He is chairman of European Nonlinear Dynamics Conference (ENOC) 2020.