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He graduated from Paris-Sud University in 1983 (Doctorat d'État). Since 2006, he is a permanent member of the Moroccan Hassan II Academy of Science and Technology. He established at the university Mohamed V, faculty of science, Rabat a group with strong expertise dedicated to advancing scientific methodologies for exploring First Principle calculation and density Functional Theory (DFT) at atomic and microscale levels. His group achieves precise computation and a deeper understanding of materials for energy and storage. Abdelilah Benyoussef is founder and National coordinator of the Competences Pole of Condensed Matter and Systems Modeling. The main interest topics of Abdelilah Benyoussef are Ab initio calculation and Monte carlo method in modeling and simulation of new materials for renewable energy, Magnetism and phase transition in condensed matter; complex systems and critical self-organization in statistical physics. He is a co-author of more than 600 research publications and book chapters and about 100 conference presentations including numerous invited talks. He has co-chaired or co-organized several international conferences. He holds a number of patents and supervised more than 40 postgraduates.