

**Personal Information**

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| Full name        | Jean-Marie DUBOIS   |  |
| Current position | Scientific Advisor & Emeritus Director of Research  |   |
| Organization     | Dpt. for Nanostructured Materials, Jožef Stefan Institute, Ljubljana & Institut Jean Lamour, Centre National de la Recherche Scientifique-Université de Lorraine, Nancy |   |
| Country          | Slovenia & France   |   |

**Short Biography**

Jean-Marie Dubois is currently a scientific adviser of the Dpt. for Nanostructured Materials and an honorary member of Jožef Stefan Institute (JSI), Ljubljana, Slovenia. Also an emeritus director of research of CNRS, France, he owns a PhD in Physics from Polytechnic National Institute, Nancy, France, a Dr Hon. Causa from Iowa State University, USA and another from Federal University of Paraíba, Brazil. He was awarded a number of honours and scientific prizes, among which the Robert F. Mehl Award of the TMS. He is a former overseas fellow of Churchill College, Cambridge, U.K. and a professor at Dalian University of Technology, China. He is an active member of the Science Academy of Lorraine and an associate-correspondent of Stanislas Academy, Nancy, France. Distinguished Director of Research at CNRS, France at the end of his professional career, he was instrumental in the creation of Institut Jean Lamour, the largest public research body dedicated to materials science and engineering in France, which he headed for a decade until 2012. He then became the chair of the national professional committee of CNRS that is in charge of evaluating the activity of scientists and laboratories acting in the field of materials chemistry, nanomaterials and processing. Dubois retired from CNRS in 2015. He is now lecturing at the Jožef Stefan post-graduate school of Ljubljana and is a part time scientist at JSI.

His research topics have revolved around metal physics and engineering of complex metallic materials, including metallic glasses, liquid metals, quasicrystals and large unit cell compounds. He is the author of more than 260 scientific articles in refereed journals, 14 international patents (with 40 international extensions), and 7 books. After establishing structure models for metallic glasses and quasicrystals, Prof. Dubois became interested in applied properties of these materials: heat insulation, low adhesive properties and infrared light absorption, cold-welding and solid-solid adhesion against steel in vacuum of Al-based complex intermetallics. His general interest today is on understanding the surface energy of those materials, their scaling properties in relation to their electronic structure and crystal lattice complexity, and in more general terms, uncovering the rules that govern the occurrence and stability of complex architectures in metallic crystals.