

## **Prof. Dr. Jean-Marie DUBOIS**

Centre National de la Recherche Scientifique (CNRS), the largest research institution in Europe, hired Jean-Marie DUBOIS in 1977 after he received an engineering degree in 1973 and a French state doctorate in physics in 1981. He was a research scientist at the Cavendish Laboratory of Cambridge University, UK, during the period 1982-1984. Also, as an overseas fellow of Churchill College, his stay abroad offered him a fantastic opportunity to model the local and medium range structure of metallic glasses he had been studying during his thesis, using Mössbauer spectroscopy, EXAFS, polarized neutron diffraction, and other more conventional techniques. Dubois is now a part-time scientist and senior adviser at Jožef Stefan Institute in Ljubljana, Slovenia.

During his career, Dubois tried his best to invent new metallic materials, to forge new applications of metal systems, and to accompany, sometime induce, the progress of basic knowledge in the area of metallic alloys. The systems he has studied were non-crystalline alloys and compounds: metallic glasses, intermetallics and complex metallic alloys, including quasicrystals. His interests revolved around crystal structure and local order; formation and stability of complex compounds; properties of complex metallic compounds and quasicrystals: electronic structure, heat transport, solid-solid adhesion, wetting, friction; applications of quasicrystals & of complex intermetallics.