

CURRICULUM VITAE

Name **Pierre Bernard Courtois**

Age Born in Thônes, France, 20th of June 1967

Education 1991 - D.E.A in Physics « Physique de la Matière et du Rayonnement » at Joseph Fourier University, Grenoble-France
1991 - Magistère de Physique at Joseph Fourier University, Grenoble-France.
1995 - PhD in Physics « Physique de la Matière et du Rayonnement » at Joseph Fourier University, Grenoble-France. Thesis Title: « Elaboration en creuset froid sous champ magnétique intense de quelques matériaux magnétiques en vue de leur texturation ».

Experience

1995- 2004 Research and Development Engineer at I.L.L.
Production of Heusler Cu_2MnAl crystals for polarized neutrons monochromators. Growth of Copper single crystals.

2004- 2010 Monochromator Group Leader. Assistant of the Head of Neutron Optics Laboratory at ILL.
Production of mosaic crystals for neutron monochromators. Main activities: crystal growth of intermetallic compounds, metallurgy, hard X-rays and Neutron diffraction, plastic deformation.

2010- **Head of the Service for Neutron Optics at I.L.L.**
Production and development of neutron optical components: Crystal monochromators, Super-mirrors and Helium3 spin filters.