



Foreword

The Institut Laue-Langevin (ILL) is an international research centre where neutrons are used to probe the microscopic structure and dynamics of a broad range of materials from the molecular, atomic and nuclear point of view. The ILL is owned and operated by three founding countries - France, Germany and the United Kingdom - whose grants to the Institut's budget of approximately 70 million € per year are enhanced by Scientific Membership contributions from Austria, the Czech Republic, Italy, Russia, Spain, Switzerland and, newly in 2005, Sweden.

The ILL was founded to provide scientific communities in its member countries with a powerful source of neutrons and a matching suite of experimental facilities (some 40 instruments) for use in fields as varied as solid-state physics, materials science, chemistry, the biosciences and the earth sciences as well as nuclear physics and engineering. The Institut has ever since been an exceptional centre of excellence and a fine example of successful co-operation in Europe, a prototype of the European Research Area. It operates the most intense neutron source in the world. Over 2000 visiting scientists, performing a total of 750 experiments each year, and the output in high impact journals, bear witness to the scientific success of the facility.

This booklet is the new edition of the famous ILL Yellow Book, the guide to the ILL instrument suite and its characteristics.

The new Yellow Book is available also on CD. Please note that any significant changes or upgrades in the forthcoming years will be continuously included in the up-to-date version on the Yellow Book web-site (<http://www.ill.fr/YellowBook>) and on the CD itself.