



FIZ CHEMIE BERLIN

Fachinformationszentrum Chemie GmbH

FIZ CHEMIE Berlin uses its extensive specialist knowledge of electronic information and knowledge management to create portals, networks and information infrastructures / The prime aim is the creation of standards for information transmission / Contract signed with the GOPORTIS library initiative on 4. 12. at the Online Information 2007 trade fair in London

FIZ CHEMIE puts its skills to the service of general organization of knowledge

Berlin, November 2007 – FIZ CHEMIE Berlin is strengthening its activities to improve the general organization of knowledge and technology transfer in Germany: “We want to enter a type of symbiosis with the large libraries. If we want to permanently store and pass on scientific knowledge, we need standards for the information transmission process. People can no longer do this alone”, explained Managing Director Professor Dr. René Deplanque. The German specialist information centre has over 25 years of experience in electronic information and knowledge management for large, internationally-distributed user groups. “We feel obliged to place these skills at the service of the general organization of knowledge”, said Deplanque in justifying the strategy. FIZ CHEMIE has already been working for some time on concepts for the standardization of the exchange process in networks, portals and in general information infrastructures. The plans cover all the stages of documentation of research results, technical storage, the reproduction of information and the dissemination of information. In addition, FIZ CHEMIE is opening up new routes for improved dissemination of information across the research skills of the German research environment.

Contract signed with GOPORTIS on 4th December at the OLIM trade fair

For the joint creation of future information infrastructures, FIZ CHEMIE has agreed several areas of collaboration with large German libraries. At the end of last year, the Technical Information Library (TIB) in Hanover and FIZ CHEMIE signed a cooperation agreement. The next will follow at the start of December: at the Online Information 2007 trade fair, FIZ CHEMIE Berlin will sign an agreement on future collaboration within the scope of GOPORTIS with the TIB, the German Central Library of Medicine (ZB MED) and the German Central Library of Scientific Knowledge (ZBW). The signing ceremony will take place on Tuesday, 4th December 2007 following the “German Hour” at about 4:20pm at Stand 336, in the Olympia Grand Hall. Press representatives are warmly invited. GOPORTIS is an initiative of these three large German central libraries to create a common portal for scientific documents, serving the specialist areas of technology, natural sciences, medicine, nutrition, the environment, agriculture and the economy, under one roof. FIZ CHEMIE is bringing its extensive specialist knowledge, built up over decades, of electronic information management for the international specialist world of chemistry and other large scientific user groups to this collaboration. In addition to the production and provision of high-quality specialist databases and innovative information services in the area of general chemistry, chemical technology and adjacent fields, FIZ CHEMIE has already managed very successfully large scientific e-learning and networking projects and built up the information and communication infrastructures necessary for these.

Examples of projects: CHEMGAROO® and Laserlab Europe

Two outstanding examples of large projects managed by FIZ CHEMIE are the Networked Chemistry Studies (VS-C) and Laserlab Europe. In the VS-C project, from 1999 to 2005, 16 research and development groups at 13 universities in Germany, Great Britain and Switzerland converted chemical knowledge into multi-media teaching materials for computer-based training and further education. FIZ CHEMIE coordinated the project. The results are available today through FIZ CHEMIE for general use as the “CHEMGAROO® Educational

Systems". <http://www.chemgaroo.de>

Laserlab Europe links up European laser physics research. 17 research facilities in nine European countries are involved in the network. FIZ CHEMIE Berlin, as the 18th project partner, created the information and communications infrastructure for this collaboration between laser researchers. The system not only organizes the exchange of information and the documentation of knowledge, but also resource management. Researchers from all countries in Europe can propose research projects for which they need measurement periods on high-performance lasers through the www.laserlab-europe.net website. The software system manages the proposed project, including the assessment process, resource allocation and confirmation that the costs will be met by the European Union. In addition to this proposal management, Laserlab Europe also has a reporting database and a literature management system.

Deplanque summarized this as follows: "The net-based technologies offer great opportunities to closely interlink the clever brains of research, to document their knowledge and to make it available not only to the community, but also far beyond the boundaries of the discipline – even as far as interested laypeople in the population. But it is not technology that has done this. Technology is just a means to the end. The real challenge of the organization of science is the creation of a universal, permanently workable infrastructure. This is why we need standards for the transmission of information". With its push, FIZ CHEMIE wants to create a strong awareness of the standardization required for the information transmission process, and to make its expertise available for this task.

For additional Information

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About FIZ CHEMIE Berlin

FIZ CHEMIE Berlin, is a state-supported non-profit information agency financed by the Federal Government and the Governments of the German States whose primary task is to provide high-quality information services concerning chemistry, chemical engineering and related fields to science, education and industry. It is certified according to the DIN EN ISO 9001:2000 quality standard. FIZ CHEMIE Berlin maintains close relationships with research and information institutions in Germany and abroad and has marketing agreements with partner organisations worldwide. The Centre is committed to the further development and the linking of national and international chemistry information. FIZ CHEMIE Berlin is a member of the Germany's Gottfried Wilhelm Leibniz Science Association (Leibniz-Gemeinschaft).

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