

FIZ CHEMIE Berlin has completely digitized 140 years of chemical research from the German abstract service “Chemisches Zentralblatt“/ Two terabytes of data has been produced from 40 meters of books abstracts, weighing three tons / The dataset is also available for integration into company systems

140 years of chemical research is completely digitized

Berlin, 29th November 2007 – FIZ CHEMIE Berlin has completely digitized the German chemical abstract service “Chemisches Zentralblatt”, founded in 1830. Two terabytes of chemical content has been produced from 40 meters of books, weighing three tons. The dataset documents 140 years of research development in chemistry and its subject areas. The use of modern software technologies means that the complete contents of this significant report service can now be searched in full text.

FIZ CHEMIE is offering the dataset for integration in Intranets or for individual text mining systems, and is additionally developing a database for the web. The dataset can be purchased as a whole or in volumes for inserting in Intranets. The activation of the online database is planned for spring 2008. More information is available from FIZ CHEMIE Berlin at the Online Information 2007, Grand Hall, Stand 336.

Background:

From 1830 until 1969, the Chemisches Zentralblatt, originally founded as the “Pharmaceutisches Central-Blatt” and later renamed several times, was the most important reference work in chemistry. For this information service, specialist scientific editors summarized advances in chemical research in short abstracts. International scientific publications were evaluated as a basis for this. Pretty well all of the renowned chemists of the 19th and 20th centuries appear in these reports. In addition to offering valuable scientific information, the abstracts also allow historical conclusions to be drawn on societal, political and economic developments over the last two centuries.

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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