



**Reiner Kallenborn** studied mathematics at Saarbrücken University, Germany, where he graduated in 1982 (diploma thesis). From 1982 to 1984 he worked as a scientific assistant at the department of physics of Saarbrücken University. He completed his doctoral thesis in mathematics at Kaiserslautern University in 1987. After postdoctoral research in mathematics and high energy physics he became a library trainee at Kaiserslautern University. He pursued his studies in librarianship at Frankfurt library school, where he graduated in 1991. From 1991 until 1999 he served as a subject librarian and head of the branch library for mathematics and computer science as well as IT project manager at Technische Universität München Library. Apart from his involvement in library work he was a lecturer for statistical inference methods at Munich University of Applied Sciences. From 1999 to 2002 he was head of the

department for public services at the same library. He currently is university librarian of Technische Universität München. Reiner Kallenborn has served as the IATUL treasurer from 2005 to 2011. He chairs the IATUL Task Force group. The purpose of the IATUL Task Force is to promote continuous networking throughout IATUL by suggesting initiatives to the IATUL Board and accompanying and supporting the realisation of projects related to IATUL initiatives. Since November 2012 Reiner Kallenborn is President of the International Association of Scientific and Technological University Libraries.

A choice of initiatives completed or on-going under the responsibility of Reiner Kallenborn comprise

- Development of the electronic retrieval and document delivery system ELEKTRA in collaboration with the TUM Chair of Database Systems and Knowledge Bases (licence sold to SISIS GmbH now OCLC in 2000)
- Restructure of Technische Universität München Library in collaboration with the Strategy and Technology Consulting Firm Booth Allen & Hamilton
- Development of the multimedia management system mediaTUM in collaboration with the TUM Chair of Applied Informatics - Cooperative Systems
- Introduction of a quality management system based on ISO 9001:2001, now ISO 9001:2008
- Development of a comprehensive infrastructure for information literacy
- Development of an integrated service infrastructure for research data management and research collaboration (on-going project)
- Development of several Android and iOS apps for library systems in collaboration with the TUM Chair of Applied Informatics - Cooperative Systems
- Introduction of a structured framework for innovation and project management
- Development of a comprehensive marketing strategy for a university library in collaboration with the TUM Chair of Services and Technology Marketing (on-going project)
- Several on-going projects to promote the use of electronic literature and publishing in an university environment, including
  - Test models of patron driven acquisition
  - developing an open access policy for the university management
  - prepare the migration to e-only acquisition for journals (already completed) and books
  - development and operation of publishing facilities for university members

## **Papers to be given at the IATUL/UFSC Workshop on “Challenges of Networking Library Services”**

1. Paper: *Challenges of Networking Library Services – The International Association of Scientific and Technological University Libraries*

Founded in 1955 IATUL primarily addresses topics relevant to library management and the further development of services. The traditional meeting of IATUL member librarians is the Annual IATUL Conference, which usually brings together about 200 experts in a familiar mixture of professional papers, informal discussions and social events. The annual IATUL autumn seminar, in comparison, normally held each year in November, addresses librarians in a particular region in the world and provides the opportunity to discuss challenges of librarianship in this region on a smaller scale of about forty to eighty delegates. In the course of IATUL networking over several decades, initiatives and programmes emerged, which finally found their way into the current strategic plan for the further development of IATUL, which will be the subject of this presentation.

## 2. Paper: *eRIC – a New Paradigm of Library Services at Technische Universität München*

The project eRIC (eResearch – Communication and Infrastructure) aims at developing an integrated communication- and service-infrastructure for accompanying the life cycle of scientific knowledge generation and transfer.

The development of communication and decision-making structures as well as the set-up of a team for implementation of required software tools build up on the Technische Universität München's IT-infrastructure and will be realised in cooperation with national and international teams of scientists and library staff. This will be accompanied by the prototypic development of a multi-tier software architecture.

eRIC attaches particular importance on analysing and developing models and tools for communication:

- Communication between researchers and libraries
- Communication among eRIC project partners
- Communication within research teams

Both, a smooth performing communication structure as well as a flexible prioritisation system for implementing software architecture requirements of all project partners are essential to assure sustainability within eRIC. Therefore the TUM library's certificated quality management system is applied to all aspects and phases of the project.

In contrast to similar approaches, the software infrastructure for eRIC is developed bottom-up in close cooperation with researchers and extends the layered system architecture of the D-Grid initiative. During the project, all researchers' requirements will continuously be evaluated, analysed concerning interdisciplinary reusability, reduced to generic concepts, and implemented as part of the generic software-layer. Special subject related requirements of project partners which cannot be reduced to interdisciplinary features are implemented on top of generic tools in a specialised tool layer. Further aspects of the on-going initiative will be presented in the paper.

## 3. Paper: *Beyond Information Literacy – Another Approach to Transliteracy*

As a consequence of the eminent and growing importance of information literacy services at TUM, the library established a new department for information literacy services in 2010 thus initiating a dynamic process of further development of this domain going beyond the usual TUM curriculum of database training, advanced OPAC queries exercises and similar events. The term transliteracy is meant to express the expertise in finding, using and evaluating information beyond the borders of local library services, thus including social media, skills in technology and further areas of information management in general. The paper describes the TUM approach to the development of transliteracy services as an integral part of the eRIC initiative, described in a former presentation.