



The “Lucian Blaga” University of Sibiu, Romania

The LBUS Library

and



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Universitätsbibliothek



Evangelische Akademie Siebenbürgen

Academia Evangelică Transilvania

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The **FOURTH INTERNATIONAL CONFERENCE** in ROMANIA

on

Information Science and **Information Literacy**

CONFERENCE ABSTRACTS

April 17th - 19th 2013

Sibiu, Romania

ISSN - L 2247 – 0255

The “Lucian Blaga” University of Sibiu, Romania

The LBUS Library

and

University Library of Bayreuth (Bavaria), Germany

University of Bucharest – DigInfo Centre

Evangelische Akademie Siebenbürgen

The FOURTH INTERNATIONAL CONFERENCE in ROMANIA

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The Fourth International Conference in Romania on Information Science and Information Literacy (CD-ROM) = **ISSN 2247 – 0255**
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The conference is held under the banner of 2013 and *Sibiu - Smart*, supported by the *Mayor and City Council Sibiu Sibiu Municipality Culture House*, and with the support of the *General Consulate of Germany in Sibiu*.

Rector of the University

Prof.univ.dr.ing. **Ioan BONDREA**

Honorary President of the conference

Prof.univ.dr.ing. **Constantin OPREAN**

President of the Academic Senate of the University "Lucian Blaga" of Sibiu

Foreword

*The **Fourth International Conference in Romania on Information Science and Information Literacy, Sibiu 2013**, stands for a major event that gives the specialists in Librarianship and Information Science the great opportunity to meet in a friendly and proficient atmosphere.*

The Conference is organized by the:

Central Library of the „Lucian Blaga” University of Sibiu

togheter with

University Library of Bayreuth (Bavaria), Germany

University of Bucharest - DigInfo Centre and

Evangelische Akademie Siebenbürgen.

Guests:

Prof.univ.dr. **Werner SCHAAL** - Marburg, President of the LBUS (2000-2012)

Prof.dr. **Albert K. BOEKHORST** - Dept. Information Science University of Pretoria,
South-Afrika

Dr. **Rafael BALL** - University Library, Regensburg, Germany

Prof.univ.dr. **Doina BANCIU**, ICI-National Institute for Research and Development
in informatics, Bucharest, Romania

Dr. **Ralf BRUGBAUER** - University Library of Bayreuth (Bavaria), Germany

Ralph KENDLBACHER - Media Expert, University of Passau, Germany

TOPICS AND FOCUS

The main goal of this conference is to present and discuss the new trends in the following areas:

Information literacy

- *Modern approach in information literacy*
- *Changes of reading and writing in information literacy age*
- *Ethical use of information and plagiarism*
- *Scientometrics*

Education

- *Teaching information literacy and*
- *Developing the skills of the information literacy practitioner*
- *Lifelong learning and e-learning based on information literacy*
- *Reviewing the fundamentals of education and curriculum redesign*

Digital libraries

- *Libraries in digital age*
- *Quality evaluation of digital and classical libraries*
- *Data storage and databases*
- *Interconnection protocols for digital libraries*

Information science and technologies

- *Information theory*
- *Information retrieval*
- *Measuring the performance of document classification*
- *Data mining strategies for digital libraries*
- *Hypermedia in digital libraries*
- *Image processing for digital libraries*
- *Media conversion and digitization tools*
- *Interfaces: design and ergonomics*
- *Knowledge management.*

Scientific committee :

- Prof.univ.dr.ing. **Constantin OPREAN**, *President of the Academic Senate of the "Lucian Blaga" University of Sibiu, România*
- Prof.univ.dr.ing. **Ioan BONDREA**, *Rector of the "Lucian Blaga" University of Sibiu*
- Prof.univ.dr. **Doina BANCIU**, *ICI-National Institute for Research and Development in Informatics, Bucharest, Romania*
- *Keynote Speaker*, **Albert K. BOEKHORST**, *Visiting Professor Dept. Information Science University of Pretoria, South-Afrika*
- *Keynote Speaker* , **Dr. Rafael BALL** , *University Library, Regensburg, Germany*
- Dipl.Biol. **Ralf BRUGBAUER**, *University of Bayreuth Library (Bavaria), Germany*
- Lect.univ.dr. **Cristina ALBU**, *University of Bucharest, Romania*
- Conf.univ.dr. **Agnes ERICH**, *Library of the "Valahia" University of Targoviște*
- Conf.univ.dr. **Octavia-Luciana MADGE**, *University of Bucharest, Romania*
- **Dr. Doina OSTAFE**, *President of the ABR's University Libraries Division, Romania*
- Conf.univ.dr. **Mireille RADOI** , *University Central Library Carol I of Bucharest*
- Prof.univ.dr. **Ioana MOISIL**, *"Lucian Blaga" University of Sibiu, Romania*
- Conf.univ.dr. **Eva-Nicoleta BURDUȘEL**, *"Lucian Blaga" University of Sibiu*
- Conf.univ.dr. **Ioana Narcisa CRETU**, *"Lucian Blaga" University of Sibiu, Socio-Human Faculty, România*
- **Dr. Constantin ITTU**, *Brukenthal National Museum Sibiu, Library of the Museum*
- Prof.univ.dr. **Daniel VOLOVICI**, *"Lucian Blaga" University of Sibiu, Computer and Electrical Engineering Department, Romania*
- Conf.univ.dr.ing. **Macarie BREAZU**, *"Lucian Blaga" University of Sibiu, Computer and Electrical Engineering Department, România*
- **Dr. Stefania KIFOR**, *Library of the "Lucian Blaga" University of Sibiu*
- S.I.dr.ing. **Daniel MORARIU**, *"Lucian Blaga" University of Sibiu, Computer and Electrical Engineering Department, România*
- S.I.dr.ing. **Radu CRETULESCU**, *"Lucian Blaga" University of Sibiu, Computer and Electrical Engineering Department, Romania*
- **Dr. Rodica VOLOVICI**, *Library of the "Lucian Blaga" University, Sibiu*

Organizing Committee :

- Dr. Rodica VOLOVICI, *Library of the "Lucian Blaga" University of Sibiu, România*
- Roger PÂRVU, *Project coordinator, Evangelische Akademie Siebenburgen*
- Ioan-Irinel VIȘA, *IT coordinator, Library of the LBUS*
- Elena MĂRGINEAN, *Library of the LBUS*
- Elena APOLZAN, *Library of the LBUS*
- Camelia VOLOSCIUC, *Library of the LBUS*
- Mihaela MANOLESCU, *Library of the LBUS*
- Stana MOȚOC, *Library of the LBUS*
- Radu PAȘTIU, *IT staff, Library of the LBUS.*

The Fourth International Conference in Romania on Information Science and Information Literacy

April 17th – 19th, 2013, Sibiu

Program of the Conference

Wednesday, April 17th

9-10 Welcome the participants, Registration

10 -10⁴⁵ **Official Opening of Plenary Session**
(Aula Magna of the University, Lucian Blaga street, No.2A)

Prof.univ.dr.ing. **Ioan BONDREA** - Rector of the LBUS

Prof.univ.dr.ing. **Constantin OPREAN** – President of the Senate
of the LBUS, honorary President of the conference

Prof.univ.dr. **Werner SCHAAL**, Marburg, President of the LBUS
(2000-2012)

Dr. **Ralf BRUGBAUER**, Dr. **Rodica VOLOVICI** (Bayreuth University,
Germany, LBUSibiu Library, Romania) - *A Successful Collaboration -
the Project for the New Building of the University Library in Sibiu*

Lect.dr. **Dragos VARGA** - (Director of the Transylvania
Interethnic Cultural Centre)- *The collaboration between
Transylvania Interethnic Cultural Centre and The Library of "Lucian
Blaga" University of Sibiu*

10⁴⁵-11 **Coffee break**

11-13 **Keynote speakers**

Dr. **Albert K. BOEKHORST** (Visiting Professor, Dept. Information
Science University of Pretoria, South-Afrika) - *(M)IL And Its Kind*

Dr. **Rafael BALL** (University Library of Regensburg, Germany) - *"Are
we ready for change? The consequences of the digital revolution for
libraries and their users"*

13-15 **Lunch break**

15-18 Papers sessions *

* **Roger Pârvu**, Programme Coordinator at the Evangelische
Akademie Siebenburgen (Livezii, No.55), Welcomes the participants

Evangelische Akademie Siebenburgen, Livezii str., no.55, Sibiu
Communications Session: Information Literacy , Education

Chairmen: Conf.dr. Octavia-Luciana MADGE

Lect.dr. Cristina ALBU

1. **Mäntykangas ARJA** (Lecturer, doctorate candidate at the University of Sibiu) - *Library leaders in Sweden and Finland: some cultural reflections*
2. **Denis VINCEK** (Osnovna škola Ante Kovačića, Zlatar, Croatia) - *Early teaching of information literacy through computers - a challenge for fourth-grade students and the school librarian*
3. **Grzymska HALINA** (Librarian, University of Warsaw, Department of Hungarian Studies) - *Information at Linguistic Library*
4. **Octavia-Luciana MADGE** (Conf.dr., University of Bucharest, Faculty of Letters, Department of Information and Documentation Sciences) - *Current Trends in Romanian LIS Higher Education*
5. **Cristina Nicoleta ALBU, Carmen PREDESCU** (Lect.dr., University „Politehnica” of Bucharest, Central Library) - *New Dimensions of Learning in the knowledge Society*
6. **Agnes ERICH** (Associate professor, Valahia University of Targoviste) - *Integrating the library in e learning process*
7. **Lenuța URSACHI, Elena SCUTELNICU** (Universitatea "Dunarea de Jos" of Galati) - *Need of content improvement and information update in academic libray website design*
8. **Cristina ALBU, Adriana CRISTIAN** (Lect.dr., University „Politehnica” of Bucharest, Central Library) - *Modern Trends in Information Service Quality Concept in University Libraries*
9. **Eva-Nicoleta BURDUSEL** (Conf.univ.dr., Lucian Blaga University of Sibiu, Letter and Arts Faculty) - *Portable Reading Solutions for the 21st Century: from 'livre de poche' to e-book*
10. **Ioana Narcisa CRETU** (Lucian Blaga” University of Sibiu, Faculty for Social Sciences and Humanities) - *Communication sciences today - Mass Communication in Romania*
11. **Mimi LIANG** (Beanstalk International Bilingual School (BIBS) Beijing, China)– *Literacy for Information?*

Thursday, April 18th – Place: Evangelische Akademie Siebenburger (Livezii, No.55)

8-9

Welcome and coffee

Communications Session : Digital libraries

9-13

Chairman: Dr. Roger PARVU

1. [Florentina DOBROGEANU](#) (Metropolitan Library of Bucharest) - Dacoromanica – *Digital Library of Romania*.
2. [Mihaela BARBULESCU](#) - (Library of the University „Dunarea de Jos” of Galați) - *Aspects of evolution of academic journal in digital age: new perspectives*.
3. [Tatiana OPRESCU](#) (The Library of the Pitesti University) - Informational Literacy in the Information Society.
4. [Andreea STOICIU](#), [Eva-Nicoleta BURDUSEL](#) (Lucian Blaga University of Sibiu, Letters and Arts Faculty) - *Paradigm Shifts in Education in the Digital Era*.
5. [Rodica Volovici](#), [Ioan Visa](#), [Elena Marginean](#), [Camelia Volosciuc](#), [Mihaela Manolescu](#), [Stana Motoc](#) - The Library of the Lucian Blaga University of Sibiu and the Europeana Libraries: a good end & a promising beginning.
6. [Agoston NEMETH](#), [Doina OSTAFE](#) (Ex-Libris Budapest, ABR vice-president) - *Ex Libris Alma: saving the past and setting the future*.

Information Science and Technologies

Chairman: Prof.univ.dr. Daniel VOLOVICI

7. [Mihai STANCU](#), [Dana SIMIAN](#) (Lucian Blaga University of Sibiu, Science Faculty) - *Romanian Speech Recognition for Mobile Devices based on CMU Sphinx and Microsoft SAPI with applications in e-library*.
8. [Maria Emilia TIPLIC](#), [Radu CRETULESCU](#), [Ioan Marian TIPLIC](#) (The Institute of Social-Human Research - Romanian Academy, Sibiu) - *3D-Reconstruction of Historical Monuments in Romania: an Overview*.
9. [Alina Elena PITIC](#), [Ioana MOISIL](#), [Antoni Gabriel PITIC](#) (Lucian Blaga University of Sibiu, Engineering Faculty) - *The impact of social networks over children age 10 to 12*.
10. [Daniel MORARIU](#), [Radu CRETULESCU](#), [Macarie BREAZU](#) (Lucian Blaga University of Sibiu, Engineering Faculty) - *Feature Selection in Document Classification and Clustering*.
11. [Antoni Gabriel PITIC](#), [Doina BANCIU](#), [Daniel VOLOVICI](#) (Lucian Blaga

University of Sibiu, Science Faculty, ICI Bucharest) - *Classical vs Digital Library. A case study on ULBS Library*

12. **Constantin ITTU** (Brukenthal National Museum, Sibiu), **Adrian Nicolae COZMA** (LBUS, Faculty of Engineering) - *Story, History and Information in "Neuer Siebenburgischer Provinzial-Kalender" – Sibiu.*

13. **Cristina PÂRVU** (Librarian, LBUS Library), **Ralph KENDLBACHER** (Media Expert, University of Passau): *Old User - New User. Public taste between conformation and task, a challenge in the time of media change.*

14. **Roger PÂRVU** (EAS Project coordinator) – „*Crossmedia and Quality Journalism*” -*Technology, Teaching and Employability*

15. **Ralph KENDLBACHER** (Passau University - Media Expert) - *Industrialization of Knowledge Big Data - The transformation of society between business, privacy and public participation.*

16. **Timea Andrea KOVACS** (librarian, "Lucian Blaga" Central University Library Cluj-Napoca) - *Knowledge management today*

13-14^{:30}

Lunch

15-19

Cultural trip to Cristian, Sibiel

19

Festive Dinner

Friday, April 19th

9-14

Communications Session:

1. **Adriana Simona DANCIU, Corina BATOANCA** ("Constantin Brancusi" University of Targu-Jiu) - *Change management in academic libraries and their funding.*

2. **Vida Seifouri** (University of Kermanshah, IRAN) - *Relation of Information Literacy Education with active learning among of the Students master Degree Razi University.*

3. **Collence CHISITA** (Harare Polytechnic's School of Information Sciences) - *Utilising ICTs for Sustainable Library Services through Resource Sharing Initiatives in Academic Institutions in Zimbabwe.*

4. **Gianina O. CABANILLA** (University of the Philippines Diliman) - *Building Successful Information Literacy Infrastructure in Promoting*

Student Engagement in Learning: The Role of the University Academic Library.

Conclusions of 2013 Conference. Preparation of the next 2014 Conference. Closing of the Conference

Table of Contents

Section I: Information Literacy (IL), Education

Denis VINCEK	<i>Early teaching of information literacy through computers - a challenge for fourth-grade students and the school librarian</i>
Mäntykangas ARJA	<i>Library leaders in Sweden and Finland: some cultural reflections</i>
Grzyska HALINA	<i>Information at Linguistic Library</i>
Octavia-Luciana MADGE	<i>Current Trends in Romanian LIS Higher Education</i>
Cristina ALBU, Adriana CRISTIAN	<i>Modern Trends in Information Service Quality Concept in University Libraries</i>
Agnes ERICH	<i>Integrating the library in e learning process</i>
Lenuta URSACHI, Elena SCUTELNICU	<i>Need of content improvement and information update in academic library website design</i>
Tatiana OPRESCU	<i>Informational Literacy in the Information Society</i>
Andreea STOICIU, Eva-Nicoleta BURDUȘEL	<i>Paradigm Shifts in Education in the Digital Era</i>
Mimi LIANG	<i>Literacy for Information?</i>
Constantin ITTU, Adrian Nicolae COZMA	<i>Story, History and Information in "Neuer Siebenburgischer Provinzial-Kalender" – Sibiu</i>

Timea Andrea KOVACS	<i>Knowledge management today</i>
Adriana Simona DANCIU, Corina BATOANCA	<i>Change management in academic libraries and their funding</i>
Vida Seifouri	<i>Relation of Information Literacy Education with active learning among of the Students master Degree Razi University</i>

Section II: Digital libraries

Florentina Dobrogeanu- Ipsilante	<i>DACOROMANICA – Digital Library of Romania</i>
Mihaela Bărbulescu	<i>Aspects of evolution of academic journal in digital age: new perspectives</i>
Antoni Gabriel PITIC, Doina BANCIU, Daniel VOLOVICI	<i>Classical vs Digital Library. A case study on ULBS Library</i>
Eva-Nicoleta BURDUȘEL	<i>Portable Reading Solutions for the 21st Century: from 'livre de poche' to e-book</i>
Cristina Nicoleta ALBU, Carmen PREDESCU Rodica VOLOVICI, Ioan-Irinel VIȘA, Camelia VOLOSCIUC, Elena MARGINEAN, Stana MOȚOC, Mihaela MANOLESCU	<i>New Dimensions of Learning in the knowledge Society</i>
Cristina PÂRVU, Ralph KENDLBACHER	<i>Old User - New User. Public taste between conformation and task, a challenge in the time of media change</i>
Agoston NEMETH , Doina OSTAFE	<i>Ex Libris Alma: saving the past and setting the future</i>

Section III: Information science and technologies

Ralph KENDLBACHER	<i>Industrialization of Knowledge Big Data - The transformation of society between business, privacy and public participation</i>
Mihai STANCU, Dana SIMIAN	<i>Romanian Speech Recognition for Mobile Devices based on CMU Sphinx and Microsoft SAPI with applications in e-library</i>
Ioana-Narcisa CREȚU	<i>Communication Sciences today - Mass Communication in Romania</i>
Roger PÂRVU	<i>„Crossmedia and Quality Journalism” - Technology, Teaching and Employability</i>
Alina Elena PITIC, Ioana MOISIL, Antoni Gabriel PITIC	<i>The impact of social networks over children age 10 to 12</i>
Daniel MORARIU, Radu CRETULESCU, Macarie BREAZU	<i>Feature Selection in Document Classification and Clustering</i>
Maria Emilia TIPLIC, Radu CRETULESCU, Ioan Marian TIPLIC	<i>3D-Reconstruction of Historical Monuments in Romania: an Overview</i>
Collence CHISITA	<i>Utilising ICTs for Sustainable Library Services through Resource Sharing Initiatives in Academic Institutions in Zimbabwe</i>
Gianina O. CABANILLA	<i>Building Successful Information Literacy Infrastructure in Promoting Student Engagement in Learning: The Role of the University Academic Library</i>

Keynote speakers

Dr. **Albert K. BOEKHORST** (Visiting Professor, Dept. Information Science University of Pretoria, South-Afrika) - *(M)IL And Its Kind*

I'm an information scientist, retired from the University of Amsterdam in the Netherlands and still a visiting professor at the University of Pretoria, South Africa. My research concentrates on the access to information, especially on information literacy and the role of (school) libraries.

Among others I'm the Information Officer of the IFLA Information Literacy section, member of IFLA School Libraries and Resource Centers section, member of the board of ENSIL and member of IASL and the Dutch Library Association. I participated in several UNESCO Expert Group Meetings on Media and Information Literacy and coordinated and participated in the worldwide UNESCO TtT in Information Literacy workshops series.

Dr. **Rafael BALL** (University Library of Regensburg, Germany) - *"Are we ready for change? The consequences of the digital revolution for libraries and their users"*
At the beginning of the 21st Century, we stand at the threshold of the replacement of the printed book as the main medium of our culture and society. Against this background, there will change not only media, machines and processes, and of course the people who work in this information industry. For libraries, this means massive consequences. Media changes require new concepts in collection management, cataloging, and provision of information and media of the library.

Also customers and their living environment have changed dramatically. Generation Y is accustomed to organizing their lives using mobile devices and relying on an ubiquitous network availability. This is exactly what the customer expects from modern library services.

Systems and processes, but also the underlying theoretical categories of library work have to fit to the changes and challenges in the media and tech world of the 21st Century needs.

This paper discusses these changes and indicates the implications. It examines the question of whether we have the right concepts for libraries.

Ultimately this paper gives a vision of what the library of the future will be.

Dr. Ralf BRUGBAUER (Bayreuth University, Germany), Dr. Rodica VOLOVICI (Lucian Blaga University of Sibiu, Central Library, Romania) - *A Successful Collaboration - the Project for the New Building of the University Library in Sibiu*

It's a great pleasure to be a guest in the beautiful city of Sibiu once again and it is a great honour that our university, the University of Bayreuth, situated in the North of Bavaria, is involved in the organisation of this event. This is not only a demonstration of the close ties of friendship between our institutions. It is also a symbol for the partnership between them. A Memorandum of Understanding which includes a Twinning Declaration between both university libraries has already been signed by Bayreuth and is on its way to Sibiu. I am very much looking forward to the future cooperation between our two universities.

My connection with University of Sibiu was established in October 2006 when the former President of the University of Marburg, Prof. Dr. W. Schaal, who was President of University LB until 2012, asked me to support him in his efforts to build a new university library in Sibiu.

My part in the project of building a new university library was to provide information about how organisational as well as architectural questions concerning library buildings were discussed in Germany.

In the course of our conversations with the university management it became obvious that they also wanted a paradigm shift:

The great number of small department libraries which were scattered all over campus should be united under the roof of one library building with centrally organised processes, such as acquisition, cataloguing and uniform modalities for the library users.

Moreover, questions of how to present the holdings of the library needed to be discussed as well as the formation and composition of new teams amongst the members of staff, who would be working together under the new roof.

As you can see, the demands on the project "A New Library for the LBUS" were rather high. Moreover, it had to be discussed how library buildings have to be constructed in order to meet future requirements, for example:

- Libraries as locations for learning,*
- the "digital revolution" and its implications for the library, such as the "hybrid library",*
- or just being able to ensure the longterm availability of conventional media.*

As you can see, taking all these aspects into consideration, makes for a rather complex challenge. Therefore, we decided to take a look at different library building projects in Romania and Germany and to discuss the individual approaches with those responsible for the project.

Section I : INFORMATION LITERACY, EDUCATION

Early teaching of information literacy through computers: a challenge for fourth-grade students and the school librarian

Denis VINCEK

Osnovna škola Ante Kovačića (Elementary school), Zlatar, Croatia

The survey conducted among the fourth-graders of Ante Kovačić elementary in Zlatar, Croatia shows that 67 percent of students use Google from their homes at least once a day. 83 percent of students always find the sought answer and up to 88 percent need less than two minutes to do that. According to the National Curriculum, the Croatian elementary school students can choose Computer science as an optional subject from 5th grade on, and the students learn about computers in the 4th grade through Croatian language classes. By that time the students should have adopted "computer" and "Internet" and recognized the computers' possibilities. This often does not go beyond talking about why students use computers at home or in the school library. More creative teachers use the Zondle online platform for learning through computer games, thus introducing students to information and entertainment aspects of computers. In the school year 2011/2012, the Zlatar elementary school librarian took things to the next level - he holds a class with 4th grade teachers on the topic of "Searching the Internet". The goal is for students to acquire the following competencies: defining internet browsers and search engines, differentiating between them, and recognizing and listing the most popular browsers. Apart from showing the habits of fourth-graders in using Google, this work will show how to motivate students to use the school library computers to acquire basic Google searching skills by "playing detectives" and answering the given questions.

Keywords: information literacy, searching the Internet, Google, fourth-grade students, Croatia

Library leaders in Sweden and Finland: some cultural reflections

Arja Mäntykangas

Lecturer in Library and Information Science at the University of Borås, Sweden.
A doctoral candidate in management at the "Lucian Blaga" University of Sibiu

In this paper I shall investigate certain central themes pertaining to library managers in Sweden and in Finland, from a cultural perspective. The investigation will be based on research on cultural differences according to Hofstede and other current research. The results of the investigation and the themes will subsequently inform my work as I proceed to clarify issues in preparation for a planned research project.

Keywords: management, libraries, culture, Hofstede, Finland, Sweden

Information at Linguistic Library

Grzymska HALINA

Librarian, University of Warsaw, Department of Hungarian Studies

The Department of Hungarian Studies of University of Warsaw

- Has been involved in research and teaching since 1952.

- It is a center of Hungarian and Finno-Ugric research in the fields of literature, linguistics, history and cultural studies.

The department offers two study programs, Hungarian (since 1952) and Finnish (started in the fall of 2007). Now about 200 students are studying.

The library has a rich collection, including resource library of Pre-war Hungarian Institute, the nineteenth-century collections of Debrecen, and even old prints.

In total, about 40 000 volumes of books, 160 journals, 342 master's theses, many CD-ROMs and videotapes. Most of our collections are published in foreign languages: Hungarian, Finnish, Estonian, Russian, German, English and French. But we also have an extensive collection of books in Polish.

The library collects books and journals in many fields, among others:

linguistics, literature, history, history of culture, ethnography, geography, bibliography, relations between Poland and Hungary, Finland and Estonia.

Reading room: Now we have only 8 places to study. In our new building (from November 2012) we will have 21 places for readers. There are also computers with Internet access and printers. We have 272 registered users.

We lend books for students and staff of our department, and of other departments of our university and also for libraries in other cities.

Current Trends in Romanian LIS Higher Education

Octavia-Luciana MADGE

Conf.univ.dr., University of Bucharest, Faculty of Letters,
Department of Information and Documentation Sciences

The library and information world has changed significantly during the past decades and along with it a series of changes have taken place at the level of LIS (Library and Information Science) education. Reestablished in its present form after 1990, LIS higher education in Romania has also experienced a period of transformations which aimed to adapt the training of future librarians and information specialists to the current professional standards and worldwide trends in the field but at the same time to the Romanian society needs. Despite a series of difficulties it has had a constant development and without any doubts a contribution to the advancement of the Romanian info-documentary movement. This paper presents the programmes offered at present by the only specialized school in the LIS field, the Department of Information and Documentation Sciences at the University of Bucharest. In the attempt to identify the directions to which Romanian specialized education makes its way it analyzes the structure, level and content of these programmes and suggests some measures for their improvement. Based upon the results of a recent survey, the paper also refers to how LIS education is perceived at the level of Romanian academic libraries' directors.

Keywords: LIS higher education, librarians, information specialists, libraries, Romania

Modern Trends in Information Service Quality Concept in University Libraries

Cristina ALBU, Adriana CRISTIAN

Lect.univ.dr., University Politehnica of Bucharest, Central Library

An important task for the manager of information services is to make information available wherever or whenever it is requested. The information services represent one of the dynamic sectors of a university library as well as an area of deep theoretical interest. The role of the information services in a university library is to facilitate the users' access to information. A particular strand in the theme dealt with is finding the answers to some questions concerning the domain of information services in a university library. There have

been highlighted a series of opportunities for improving the services on offer by using the Quality Function Deployment (QFD) method. We have presented a case study illustrating the implementation of the QFD method in determining the quality of the information services of the Central Library of the University „Politehnica” of Bucharest.

Keywords: quality, user, information, information service, Quality Function Deployment

Integrating the library in e learning process

Agnes ERICH

Conf.univ.dr., Valahia University of Târgoviște

The main purpose of this paper is to examine the potential interactions between information environments and learning environments, in order to permit these two worlds to co-exist. We approach problem space in terms of networked information, search and retrieval information and interfaces between institutional repositories in the library and current learning management systems. Other issues covered will be those related to authentication and authorization or digital rights management.

We try to specify the library information environments because the libraries have accumulated an important experience in working in distributed information environments and they have been investing more in bringing together other materials such as digitized rare and historical materials, and institutional research and learning resources into the distributed information environments.

From our viewpoint library systems and e-learning systems need to interact in many ways from the simply incorporating collections of learning objects into the traditional library. The dynamic interactions means that teachers and learners will find new ways of developing learning activities, which in turn will influence the way they use learning activities and information content. Our analyze of the library service interactions with learning systems environments will take into account the potential transformation of learning activity. Universities must develop a digital campus that includes two important concepts of digital information management and e-learning management.

Another aspect considered in our paper is that referring to information literacy related with university libraries which should provide remote access to its collections but also to information networks: training on information resources, retrieval strategies and how to use the information retrieved. We must recognize that library services have to change according to the new developments and they must to achieve a lot of conditions to become an

integrative library. Integrating the library into the e learning process implies changes regarding new services and delivery systems.

Key words: university libraries, e learning, information literacy

Need of content improvement and information update in academic library website design

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The information society is continuously changing and this transformation has to be also reflected both in the collections and in the services of the academic library. Hence, the necessity for their permanent review is required, as a consequence of adaptation and adjustment to the demands and expectations of the customers. In this context, the academic library website represents an important online resource which should meet the needs of students and academic community. Respecting the basic principles in the design area, a website has to be accessible, useful, friendly and attractive. The academic library website should not make an exception from these rules. Since 2000, when it was launched, the website content of “Dunarea de Jos” University Library of Galati has suffered minor changes until 2012. This paper presents a case study and points out some major contributions of the Reference Department to redesigning the library website. Even if it is not perfect and is still in progress, this project includes valuable information on tools related to searching of online resources, research guides as tutorials in information literacy, ask a librarian service or frequently asked questions. Questions such as “What has to be developed” or “What has to be improved by adding new resources or tools” have been considered as priorities among research activities of the Reference Department over the past three years. The paper describes the project’s results, from a comparative perspective between the old and the new look of the library website, emphasising the positive aspects of the latest variant. Finally, some conclusions were drawn up on the need of content improvement and information update in academic library website design.

Keywords: academic library website; content analysis; web-based reference service

New Dimensions of Learning in the knowledge Society

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Development of society requires a radical reform of the education system and ensuring lifelong learning for citizens. Since the adoption of Lisbon Strategy 2000 and to the new strategic framework Education and Training 2020" (ET 2020) it is envisaged the development of entire range of education and training systems covering all levels and contexts. In these circumstances the paper aims to provide an overview of the involvement of higher education institutions in lifelong learning programmes and to highlight how IL lies at the core of lifelong learning. Not the last, the paper brings out the role of interactive technologies and communication systems in the development of a modern education system.

Keywords: knowledge society, LLLP, IL, e-learning

Literacy for Information?

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„Getting information off the Internet is like taking a drink from a fire hydrant.”
(Mitchell Kapor)

“Education: Being able to differentiate between what you do know and what you don't. It's knowing where to go to find out what you need to know; and it's knowing how to use the information once you get it.” (William Feather)

Types of Literacy: Cultural / Visual / Media / network / Computer / Library
Instruction / Traditional Alphabetic ... Literacy.

Definition of Information Literacy: "knowing when and why you need information, where to find it, and how to evaluate, use and communicate it in an ethical manner" (Cilip)

Ethical use of Information: - Plagiarism / Intellectual property/copyright / Citing
(text from presentation)

Keywords: Information literacy, education, ethical use

Story, History and Information in "Neuer Siebenburgischer Provinzial-Kalender" – Sibiu

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The object of this study is Neuer Siebenburgischer Provinzial-Kalender, a calendar in German language, published in Sibiu (Hermannstadt), and printed from the late 18th century and almost throughout the 19th century. We are talking about a collection which belongs to the Brukenthal national Museum Library, and 18th century baronial legacy dating back to the Transylvanian Enlightenment times. This collection is not only important for itself, as a group of periodicals with their own peculiarity, but it is also significant for the information about everyday life and different kind of networks. In this respect, one can say that Neuer Siebenburgischer Provinzial-Kalender is a kind of timetable for rural population, especially with very practical implication of daily life. For example, besides data about Sundays and holy days, the calendars also provides astronomical information. One has to have in mind that at the beginning of the 19th century, Sibiu was a vibrant city, tuned to the realities of its time, the third city in the Habsburg (later Austro-Hungarian) Empire.

Keywords: Brukenthal Library, 19th century periodicals, german calendars

Change management in academic libraries and their funding

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Academic libraries are under a constant pressure to change structures and processes in order to cope with today' s environment. Reengineering and process improvement are two approaches to plan and implement change. For all the academic libraries the application of management and marketing strategies and methods is an usual exercise. The academic libraries in Romania have understood the role of management and of marketing and the new requirements correspondingly.

Keywords: university management, management

Section II: DIGITAL LIBRARIES

DACOROMANICA – Digital Library of Romania

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Bucharest Metropolitan Library

It is known that in order to create an effective online promotion of the library, special attention should be paid to the institution's website. A good site is always looking for interaction. Thus, the challenge facing the online promotion is that you can not be satisfied with getting a reaction. You have to trigger an interaction. The first one is simply an exchange of a split second with the audience. The other opens the door to a permanent relationship. And this must be the purpose of any promotional activity.

For the Bucharest Metropolitan Library, the Internet / website is the home of the institution and of its brands. Most elements of web promotion on the Internet refer to visiting the institution on the Internet- creating users traffic. The site provides icons and shortcuts and leads users to the organization. Moreover, animated flash draws visitors' (real or potential users) attention on the institution, hoping to make them remember the brand when they are interested in information products/services.

DACOROMANICA is the most important Romanian digital library accessible for free on the Internet. Its development through ongoing enrichment with digitized documents is made continuously, every week, in order to be a veritable tool in the service of national and international cooperation networks and to become a partner in the European Virtual Library EUROPEANA. DACOROMANICA is the only professional digital library in Romania, being designed to meet the challenges of the 3rd Millennium.

Web 2.0 opportunities to build consolidated and extended relationships between library and user not only attracts the public in the online environment, but it also means availability to direct involvement of users and to a new approach to information. The website is not a simple display window of the institution anymore, but a real portal offering services and content, thus making culture more attractive.

In conclusion, the design of such a site falls into the category of elements that can define clear and concrete objectives of communication, what type of public it aims to, which tools and strategies are used to promote the public library efficiently through web 2.0.

Keywords: Dacoromanica, digital library, Metropolitan Library, BMB, web 2.0 library

Aspects of evolution of academic journal in digital age: new perspectives

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With the advent of the Internet, the academic journals experienced new connections, their impact in the scientific community grew, they acquired a new look more dynamic and especially gained a strong interactive character. This new connections allowed the development of databases which strongly boosted research process, offering a wide range of search. This interactiv character will only grew up in the future and probably increasingly more academic journal will be only available on the internet, because the internet provide for research the perfect environment for its needs.

Keywords: Academic journal, internet, research process

The Library of the Lucian Blaga University of Sibiu and the Europeana Libraries: a good end and a promissing beginning

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The Library of the Lucian Blaga University of Sibiu

Between 2011 and 2012, the **Europeana Libraries** - a very important project for the librares in Europe - was developped. It had a large-scale organization and excellent results, by embedding diverse and valuable digital content, which enriched the **Europeana** Digital Library.

For the first time, two libraries in Romania participated, namely the Romanian Academy Library and the Library of the “Lucian Blaga” University of Sibiu (LBUS), both contributing, with digital collections of great documentary value and thus promoting the Romanian cultural richness.

The successful participation of the LBUS Library was recognized and appreciated within the project. The happy consequence is the LBUS further working on the European library networks, within the next project, of a higher quality, given by the research orientation: this is the **Europeana Cloud** 2013-2015.

Passing through a significant professional experience, at the end of the project, we felt obliged to take a retrospective look at its development, to make it known and to spread the knowledge gained.

Keywords: Europeana, digital library, cultural heritage, romanian culture

Classical vs Digital Library. A case study on LBUS Library

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Digital libraries and classical ones coexist nowadays. By the advantages of the digital libraries, we can enumerate the access to information from anywhere, anytime and by an infinite number of users. The lack of Electronic Books or problems related to the copyright represents some of their disadvantages. This study is about a comparative analysis between a classic and digital library, emphasizing the concrete case of the academic library of ULBS. We have realized a case study on ULBS's students to determine the ratio use of classic books and the electronic format. We propose a solution of a collaborative system that allows unification of users with common learning interests and permit adding a new content by the users.

Keywords: Digital library, case study, content and services

Old User - New User. Public taste between conformation and task, a challenge in the time of media change

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The development of new media brought out an evolution of audiences, based upon different types of media access, it determined a fragmentation in the public and the rising of new types of users, as a consequence of the digitization of the media. New developments include mobile spaces of consumption, speed in transferring information, the possibility for audiences to interact on multiple channels.

Keywords: Fragmentation of the audience, user generated content, virtual communities

Section III: Information Sciences and Technologies

Industrialization of Knowledge. Big Data - The transformation of society between business, privacy and public participation

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The way information is used in the society of the 21th century is more dynamic than ever. The technological access to information accompanied by the way information is used transforms not only the way interaction happens on various levels (business, personal etc.) but society itself.

This new frame that is created by the technological development binds us to redefine the way we create, see and understand information. Also a new package of norms are required in order to protect information on the one side but also the individual on the other.

Keywords: information, society, big data

Romanian Speech Recognition for Mobile Devices based on CMU Sphinx and Microsoft SAPI with applications in e-library

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This paper presents the design and implementation of a system created for Romanian automatic speech recognition on mobile devices. We have created a Microsoft SAPI-compliant speech recognition engine for the Romanian language based on CMU Sphinx, and integrated it into a mobile e-Library type application for demonstration purposes. All interaction with the application, such as searching specific books or navigating through the user interface, is done using natural language via vocal command.

Keywords: speech recognition, mobile devices, e-library

Communication Sciences today - Mass Communication in Romania

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After the revolution of 1989 in Romania appeared over 1200 new publications. Some of them do not appear today any longer, but others, still do. The Romanian newspaper market is counting now about 1500 publications: most of all are weekly papers, 200 of them are daily papers, 14 of them come out in Bucharest and one to five in the biggest cities of the Romanian counties. Despite that, even if the Romanian press is very diverse, it is not yet a completely free press - see also the report of 2009 of the organization “Freedom House”. Regarding the independence of the press, 66% of the people interviewed in Romania believe that generally the media is independent, 41% however have the opinion that the media independence can be limited and only 22% believe that this independence does not exist. All these problems require some good answers from the communication sciences. An option is the idea of a new concept in the mass communication - cross media – and a good education and practice of the young journalists, the goal of the TEMPUS project of the University of Sibiu, together with the University of Passau Germany and other 23 partners from Europe, with the title Cross Media and Quality Journalism (Crossmedia und Qualitätsjournalismus - CuQ). This paper explains the main problems in the mass communication in Romania today.

Keywords: mass media, independence, newspaper market, Romania, policy, partial free press

„Crossmedia and Quality Journalism” – Technology, Teaching and Employability

Roger PÂRVU

Evangelische Akademie Siebenburgen - Project coordinator

The challenge brought by the technical development of the informational society forces the 4-th power (mass media) to find new ways in order to stay connected to the public which it should represent. This brings next to the technical improvements also new ways of understanding, thinking and transmitting information.

Journalists of the old school face the challenge of adapting themselves to the crossmedia reality. News have to be produced so that it can be transmitted on a

variety of platforms (traditional and online). Facing this reality a new way of teaching has to be developed. A way of teaching that allows future journalists to stay on top of the times.

“Crossmedia and Quality Journalism” is a TEMPUS project which, by bringing 25 partners from Germany, Austria, Romania, Ukraine and Moldavia together, attempts to create a new Master Degree in 9 universities from the Ukraine and Moldavia, that responds to the modern needs of mass media. This happens on 3 levels of transfer: transfer of knowledge, transfer of technology and transfer of teaching methods.

Keywords: information, society, crossmedia and journalism

The impact of social networks over children age 10 to 12

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Since year 2000, The Children's Online Protection Act (COPA) introduces the mandatory of parental consent before collecting any personal information from children under 13 years of age. However, most of the websites operators elude this law by simply forbidding the user under required age to be registered member of their site. However, more and more studies reveals that millions of children aged 10 to 12 are active users of different social networks. There are many dangers of this situation, like phishing scams, predators or cyber bullying. We conducted a case study on our local community by asking primary schools children from Sibiu (Romania) questions about their involvement in social media.

Keywords: social networks, children, internet, case study

Feature Selection in Document Classification

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Text classification, as part of text mining domain, is the problem of classifying text documents into a set of predefined classes. After extracting the features, documents are represented as a vector containing a huge number of features. When working on large collections of documents both time and memory restrictions are prohibitive and, therefore, we have to apply feature selection methods to reduce the dimensionality of the vector. In this paper, we evaluate

three feature selection methods: one based on the 1R classifier, Information Gain and Gain Ratio. The best results were obtained with the Information Gain method and for a relatively small dimension of the feature vector. The best accuracy of 93.58% was obtained using only 27.14% of features.

Keywords: Text Mining, feature selection, Information Gain, 1RClassifier, Gain Ratio

3D reconstructions of medieval ecclesiastical architecture

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The activity of achieving the scientific evidence of cultural goods belonging to archaeology as a basic synthesis necessary to the contemporary Romanian historiography was and still is deficient at the present time. The 3D reconstruction and modelling can be a good way for disseminating valuable information to a larger public. The main goal of our paper is to present a general overview of the reconstruction of the basilica in Roşia.

KEY WORDS: Monuments, 3D Graphics, Rendering, Modelling, Romania

Relation of Information Literacy Education with active learning among of the Students master Degree of Razi University

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The quickly changing information and technology landscape requires increasingly sophisticated. Information literacy skills for the navigation, evaluation, and use of information. The purpose of this paper is to present a broader analytical insight to the information literacy concept, in order to achieve an information literate society. This is an applied survey method. A questionnaire including 32 questions and three parts was used. The significance level was considered $P \leq 0.05$. In order to test the research hypotheses, Chi-square test and T- test were

used. Education and university systems and institutions must take seriously the challenges of the Information Age. This includes restructuring the learning process to reflect the use of information in the real world, changing the role of the teacher from presenter of prefabricated facts to facilitator of active learning, and including the library/media specialist as a collaborator in curriculum planning for effective use of information resources. Active learning is not represented in the teacher-centered classroom where the teacher is an active transmitter of information and the students are passive recipients. Active Learning is, in short, anything that students do in a classroom other than merely passively listening to an instructor's lecture. Teachers require a comprehensive understanding of information literacy to guide their own knowledge creation activities that will ultimately affect their future students and active learning of them.

Key words: Information literacy, Active learning, Students, Razi University

Building Successful Information Literacy Infrastructure in Promoting Student Engagement in Learning: The Role of the University Academic Library

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Qualitative analysis was used to prepare a full picture of the teaching strategies and library research experiences of 118 English 10 students, 10 English 10 teachers, and 3 UP main library reference librarians over a six-month period for the 2nd Semester, AY 2010-2011 in the University of the Philippines, Diliman. The participants were interviewed concerning their demographic conditions such as students' year level, gender, and academic major, teachers' and reference librarians' educational attainment, years of English 10 teaching experience, years of teaching library research in the university, rank designation, normal educational attainment, and the areas in which they described their teaching strategies and library research experiences. The researcher took the role of observer/interviewer for the sessions. Interviews and talk during English 10 sessions with the teachers, students, and reference librarians were transcribed, coded and contextualized, adding to the understanding of the design of a library research instruction module for English 10. Using a Grounded theory methodology created by Strauss and Corbin (1998), transcripts of the interviews were divided by linguistic idea units and coded according to categories and subcategories, processes, influencing conditions, strategies, and outcomes related to library research instruction, which contributed to the articulation of

the theories and the modules. The grounded theories exist in three areas: (1) English 10 teachers group; (2) UP main library reference librarian group; and (3) English 10 students group. Additionally, a coding scheme was created out of the ACRL Information Literacy Competency Standards for Higher Education precepts and from the responses of this study that focused on the performance indicators which helped objectify the nature of the module's model of instruction. Findings revealed that although reference librarians were providing library instruction sessions that some English 10 faculty members and English 10 students found to be beneficial, walk-ins and one-to-one assistance, activities that incorporated both technical and pedagogical strategies were still necessary. This study provides information that can be used to assist academic librarians when preparing to teach library research instruction and to assist academic libraries in redesigning and developing library research instruction activities for preparing librarians to teach undergraduates. The Library Research Instruction Program for English 10 (LRIE) that serves as the core of the work provide an instructional module that can be used by librarians for diversifying their instructional delivery with engaging learning tasks.

Keywords: pedagogy, curriculum design, collaboration

Utilising ICTs for Sustainable Library Services through Resource Sharing Initiatives in Academic Institutions in Zimbabwe

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This paper examines the use of Information and Communication Technologies and their impact on resource sharing initiatives within the context of library consortia in Zimbabwe. The writer also explores the various projects initiated to promote resource sharing. The challenges and opportunities that ICT's provide are also meticulously explored. The writer probes how ICT's have transformed academic libraries in Zimbabwe in the context of digital technology. It also seeks to find out the benefits that libraries can accrue from investing in ICT. The paper also explores the extent to which academic libraries are making use of technology to contribute to the national and global research agenda.

Keywords: Information Technologies; Institutional repositories; digital content; Free Open Source Software; Open Access; library consortia

