

**Linköping University
Publishing Infrastructure**

Activity Summary, 2010



Linköpings universitet

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Annual report 2010

1. Organisation

Steingrímur Jonsson joined Publishing Infrastructure in a position shared 50% with LiU's archive department. The objective is to begin looking seriously at research data archiving and accessibility. 2010 activities included a beginning to an evaluation of what research data exists around LiU and what exists for experience in the rest of the world.

At the end of 2010 an advertisement went out for an additional employee within PI, mainly to work with quality issues related to publication registration. The new position will also provide assistance in the editorial work that E-Press provides to the journals that it hosts. The closing date for applications was the beginning of December and it is hoped that a new person will begin working early in 2011.

The steering group for E-Press had a switch of chairperson: Johan Fornäs left LiU and so his role was taken over by Henrik Eriksson. Bertil Kågedal also retired during 2010 and he has been replaced by Johan D Söderholm. It was not possible to have a combined meeting of the steering group and the external advisory group during 2010, but Olle Persson and Bo Bergström decided that they could not continue to participate. One replacement has been found: Lars Dahmén from IDG Sweden. One position remains vacant.

2. LiU E-Press

2.1 Publications

2010 has seen a continued growth in the amount of full-text, on-line material at E-Press. The following are the totals to the end of 2010:

Table 1. Number of published publications

Publication Type	Number
Undergraduate theses	6431
Ph.D. Theses	979
Licentiate Theses	299
Research Articles	1185
Book/Anthologies	54
Chapters	155
Reports	354

Note that for reports, we have moved all the full-texts that have been historically stored on E-Press' own computers and registered this material in DiVA.

Over 2010, there were some 850 000 downloads of pdf files, a continued and significant increase from the year before. We are continuing to work at optimizing E-Press' web pages and the pdf files themselves to make them as search-engine optimized as possible.

2.2 Journals

The European Journal for Research on the Education and Learning of Adults (RELA) published its first issue 2010 with nine articles. International Journal of Ageing and Later Life published 12 articles, Hygiea Internationalis contributed with 20 articles and Culture

Unbound published 44 articles, where several articles were part of five different themes. Northern European Journal of Language Technology (NEJLT) published one article.

2.3 Conference Proceedings and Series

8 Conference Proceedings were published during 2010 of which one contained video presentations.

Many series had continued activity during 2010 and one new one was started: Rapport / Linköpings universitet, Centrum för kommunstrategiska studier.

2.4 Multi Media and Electronic Publishing

Using multi media as a complement when publishing electronically, is a form of electronic publishing which will increase in the future. LiU E-Press published during 2010 an aesthetic/artistic presentation: *Art through the City Space* (click on *Sound Machine* or *view through a Park* in the menu). The presentation contains pdf files, video files, one sound file and pages with special graphical design adapted for the project.

2.5 New Server

In the Autumn of 2010, a new server, with much higher performance concerning speed and storage, was taken into operation. With the new server we are now able to publish and host all our databases on the very same server instead of hosting them on several different servers.

2.6 Homepages

In connection with the server shift, the LiU E-Press homepages were updated with improved navigation to different pages and adapted with more legible texts. In most cases only one click is necessary in order to navigate to the correct page from the main menu. Direct entrance to the DiVA login and search pages, new and clear instruction pages for each type of publication has been added to the menu. All pages and texts have been looked over and adapted in order to meet the increasing demand of information about electronic publishing.

A new function for automatic generation of conference articles and proceedings has been introduced during the year. This function makes it easier to publish the articles because all information about an article or proceedings are collected and stored in a database and when searching on the Internet the html page automatically generates with the information from the database. Physical pages are therefore not needed.

Some work with the web pages still remains and will be finished during the Spring 2011.

2.6.1 Browse the E-Press Bookshelf

We are exploring ways to improve the “browsability” of our content. We are currently testing a Book/Thesis browsing feature, which aims to be analogous with browsing a book shelf at a bookstore or library. At <http://www.ep.liu.se/BookBrowser/Default.aspx> one can search LiU's books and theses using free-text searching and one gets a “bookshelf” of thumbnails of the covers of relevant publications. One can search for authors, departments or free-text words. Some covers are missing and are replaced by a dummy image.

2.6.2. Tag Clouds Based on Research at LiU

In order to increase the visibility of the publications registered at E-Press, we have generated two Tag Clouds, one based on newly registered publications and the other based on research keywords. A Tag Cloud is a collection of words (or names) that appear frequently in some aspect of E-Press' collection. Each word/name is linked to a set of related publications. The text size varies depending upon the number of publications associated with the given word/name.

The newly registered publication tag cloud uses publications registered in the last 60 days and gives an indication of those authors who have registered the most in that time period. It is updated every night.

The subject-based tag cloud has been generated from words found in titles, abstracts and keywords for all LiU's registered publications for 2009 and 2010. This cloud will be updated a couple of times a year.

2.7 The Publication System DiVA

After DiVA became LiU's Publication database the publication registration has increased significantly. LiU E-Press is working for high quality of the registered records and we are very active within the DiVA consortium in order to introduce improvements in the publication system. Several major improvements were carried out during the year to make the work much easier and to increase the quality of the records

1. Mandatory fields,
2. Save information about an author, save it and then get the information in order to automatically fill in the author name, LiU-ID, subdepartment, faculty, clinic etc.,
3. Include former departments/sub-departments and new departments/sub-departments when searching in the system.

We have had two DiVA users' meetings during 2010.

During the year the DiVA users formed four new working groups with the purpose to improve the publishing system and increase the quality of the records and make it easier to publish for researches and students.

- **Quality group.** The Association of Swedish Higher Education (SUHF) appointed 2009 the *Working group for quality guarantee of publication databases* in order to produce guidance of quality guarantee of publication databases at the Swedish Universities and Colleges of Higher Education. The result is only recommendations and not compulsory. That in mind LiU suggested to appoint a quality group within the DiVA group with the purpose to formulate suggestions to improvements in the publication system in order to increase the quality of the register records. This includes a common publishing policy with instructions about publishing to reach the same publishing principle for all members in DiVA such as more mandatory fields and possibilities to local adjustments of these fields. The group had two meetings in 2010.
- **The Working Group for Print-on-Demand's** role is to find a simple solution to order publications via DiVA as Print-on-Demand. LiU is cooperating with LiU-Tryck in this matter and as soon as the new function is implemented, i.e. an "order button" in DiVA, LiU can start using this new functionality at a very reasonable cost. Two meetings have taken place with LiU-Tryck for coordination of the work. LiU has received a lot of questions each year about buying printed copies of Ph.D. Theses which are only available electronically. With Print-on-Demand we can provide for the growing demand of printed copies.
- **The Working Group for search function in DiVA's** business is to produce a new graphical design for the search pages such as the hit list, the page with full record, new improved search functions, create references and special search functions from DiVA. Two meetings were held during 2010.
- **The Working group for parallel publishing** shall investigate the possibility of improved routines to simplify parallel publishing and give proposal for publishing agreement when publishing in full text in DiVA. Among the suggestions are automatic

generated title pages in pdf forma from DiVA and improved routines in connection with parallel publishing. LiU E-Press has already routines for parallel publishing based on the fact that we are doing the work, not the author.

3. Bibliometri

Activities and the profile of the bibliometrics work has continued to increase. During 2010, analyses were done for all of LiU's departments as part of the Prorektor's departmental visits. The bibliometrics group not only supplied the analyses for these visits, but also participated in the relevant part of the meetings. One result from this has been follow-up analyses on sub-departments or research areas within departments (IDA, IMH).

The bibliometrics group was invited by Helsinki University and TUT, the former in Helsinki, the latter in Linköping, to provide advice and guidance on administering and conducting bibliometrics analyses for universities.

A half-day workshop was organized on behalf of the Rector and the Deans which attracted some 200 of LiU's researchers. Speakers were invited from VR (Ulf Kronman), KI (Catharina Rehn) and Norway (Gunnar Sivertsen) as well as from LiU's researchers (Peter Aronsson, Lars Hultman, Per Aspenberg, Tiny Jaarsma and Staffan Larsson).

Information sessions were held for a number of sub-departments and research groups: IEI Miljöteknik, VuFo, Remeso, Nursing (ISV and IMH), MAI, Tema Vatten, Tema Teknik and Tema Barn. Seminarier har också hållits för LiU FoAss samt för FilFaks doktorander inom ramen för kursen "Karriärplanering för doktorander".

Analyses were also conducted for research groups in Neurosciences, for Tema Barn, applications for 1 LiU Foass, Fernström-prize, FilFaks carrier contracts, och publication data for LiU's year-end reporting. Work has also begun for analyses for the other sub-departments in Tema and HEAD (Jerker Rönnberg).

4. Plagiarism and Copyright

During 2010 the researchers at a number of departments were visited to talk about plagiarism/copyright issues. It became apparent very early on that plagiarism and copyright were often confused and that information session needed to cover both topics.

PI participated in a seminar organized by HUB specifically about copyright issues and picture databases in medicine. The seminar, aimed at teachers, was given twice and included sessions on copyright/plagiarism, Wikimedia and hands-on with various picture databases.

At the end of 2010 a request for interest in participating in a "plagiarism" group (i.e. a group to provide central support to researchers, teachers and students about plagiarism issues) was circulated. The group will begin its activities in 2011.

5. External Activities

5.1 Information Meetings

A large number of presentations were held during 2010 with the goal to increase the knowledge and about the resources and competence that are available at LiU E-Press. The purpose of most of these meetings was to inform about electronic publishing, how it is done and about copyright and plagiarism.

5.2 Bok & Bibliotek, Gothenburg

LiU E-Press participated in *Bok & Bibliotek* in Gothenburg together with the Faculty of Arts and Science, with whom we also shared the display case. We had many visitors, mainly by researchers, teachers from High Schools and an interested general public. The visitors use our

databases, our web page about copyright, searching student theses in DiVA and publications about pedagogy and bullying.

5.3 Conferences 2010

Interdisciplinary Workshop on Research Documentation, Uppsala, Sweden

Synlig och sökbar – en strategisk fråga, Gothenburg, Sweden

ELPUB 2010, Helsinki, Finland

Access to Information, Stockholm, Sweden

Seminarieserie ”Offentlighet och upphovsrätt”, Stockholm, Sweden

Academic Publishers of Europe Annual Conference, Berlin, Germany

The 3rd European Conference on Scientific Publishing in Biomedicine and Medicine, Leiden, The Netherlands

Mötesplats Open Access, Lund, Sweden

Open Archives conference, Uppsala, Sweden

Metrics-möten i Uppsala and Stockholm, Sweden

Nordic workshop in Bergen, Norway

Science & Technology Indicators, Leiden, The Netherlands