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literatury

## **International Conference Knowledge Research Education**

Národní technická knihovna  
2011

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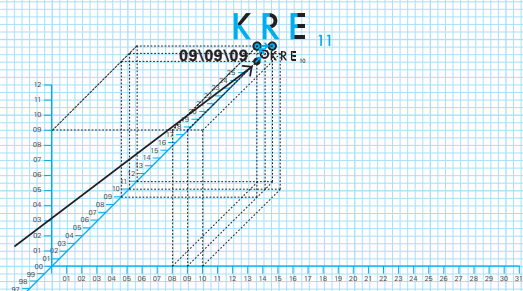
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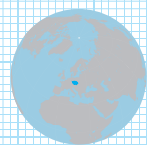
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# 08\09\11 – 09\09\11



50°6'14.083"N, 14°23'26.365"E  
Národní technická knihovna  
National Technical Library



International Conference

KNOWLEDGE-RESEARCH-EDUCATION

## Měření výzkumu

Ministerstvo školství, mládeže a tělovýchovy, České vysoké učení  
technické v Praze, Vysoká škola chemicko-technologická v Praze  
a Národní technická knihovna vás 8. – 9. 9. 2011 zvou  
na mezinárodní konferenci KRE 11 (Knowledge, Research, Education),  
věnovanou měření výzkumu.

### ABSTRAKTY

Jim James V. Staros

University of Massachusetts, Amherst, USA

#### → Evaluating Research at Levels from National to Institutional

Choosing appropriate research metrics is critically important whether one is responsible for research evaluation at the national level, institutional level, or the even the level of the individual researcher. I will discuss how research metrics are employed in several influential national research evaluation systems in the United States, how peer review is employed in the distribution of national research funding, and how individual institutions can evaluate their research programs to better align them with available funding and with national rankings.

Štěpán Jurajda

CERGE-EI, CZ

#### → Common Mistakes in the Application of Bibliometric Information in the Czech Republic

I review the existing evidence on the productivity of Czech science (by field) based on bibliometric data, point to typical mistakes made in recent evaluation exercises and analyses, illustrate these using examples typically drawn from social sciences, and offer a few tentative bibliometric facts myself.

Erik Arnold

Technopolis, UK

#### → Measuring Health in Research and Innovation Systems: The Czech Research Audit in International Context

National Research and Innovation Systems are complex and their health is difficult to measure. A growing number of countries have tried to review and diagnose their own systems through approaches such as the OECD Innovation Policy Reviews, 'Policy Mix' peer reviews at EU level, large national studies or evaluations of major actors such as research councils. This presentation will set out some of the key findings of the recent Czech Research Audit in an international context and reflect on the needed mix of qualitative and quantitative analysis.

### 8. září 2011

11.00–16.50 ↓ registrace a informace

11.00–18.30 ↓ šatna

13.00–13.15 → zahájení konference

13.15–14.45 → přednášky

14.45–15.15 ← přestávka, občerstvení

15.15–16.45 → přednášky

### Společenský program

17.00–17.50 ↗ prohlídka NTK

18.10 ↖ odjezd historickou tramvají

19.00–23.30 ↑ slavnostní recepce  
v Obecním domě

### 9. září

8.00–10.30 ↓ registrace a informace

8.00–13.00 ↓ šatna

8.30–9.00 ← občerstvení

9.00–10.45 → přednášky

10.45–11.15 ← přestávka, občerstvení

11.15–12.50 → panelová diskuse

12.50 ↘ závěr

Nancy Foster  
University of Rochester, MA, USA

→ **Participatory Design of Academic Libraries**

Participatory design is a process by which the people who will use a space, a service, or a tool are involved in its conceptualization and development. Traditionally, a narrow range of experts, such as architects, engineers, or computer scientists, decided what people needed and how it would be built. Even today, library buildings and especially catalogs and other library technology are built in this traditional way, and this is why they are often so hard to use. The alternative is to consider that the people who use libraries are experts in an important sense: they are expert in how they do research. In academic libraries, the participatory design process allows us to capture information about how people do scholarly work and how that work may best be supported. In this talk, I will argue for the quality and value of the information we gather as part of the participatory design process. I will explain how we collect information through photo elicitation, mapping activities, workshops and traditional interviews; how it can help us understand the academic work process and how people learn of and obtain information; and how libraries and universities can use such design processes to help their researchers do their best work and their students make the most of their academic opportunities.

Joep Verheggen  
Elsevier Science, NL

→ **A Short Story about Multi-Dimensional Research Assessment and SciVal Applications**

Research assessment is a broad endeavour. At the root it is an attempt to measure the return on investment in scientific – scholarly research. Research assessment includes the evaluation of research quality and measurements of research inputs, outputs and impacts and embraces both qualitative and quantitative methodologies. In his talk the presenter provides a concise overview of developments in research assessment and evaluation practices and will address a conceptual model for multi-dimensional research assessment. He will further address Elsevier's involvement in research management through its "SciVal" portfolio of research performance, – planning and – funding applications. The presenter will demonstrate how this portfolio can meaningfully contribute to both national/regional and institutional assessment exercises. He will subsequently provide a number of examples to illustrate how Governments and/or HE Institutions and organisations like Elsevier can collaborate to improve the quality of Research Management and the assessment exercise process.

Jeff Clovis  
Thomson-Reuters, USA

→ **Assessing faculty productivity and institutional research performance: Using publication and citation key performance indicators**

Institutions must demonstrate return on investment in all areas, including sponsored research. This presentation will cover various bibliometric indicators used to measure research performance, including article output, citation count, h-index, citation impact, etc. Assessment at the institutional, as well as researcher level will also be discussed.

We will begin with a discussion by Thomson Reuters about how universities used citation metrics for research evaluation. Universities, government bodies, and corporations must decide what research should be supported and what should not, or which research projects and researchers should receive more support than others. Increasingly, universities must demonstrate their special capabilities to a variety of constituencies. Most universities must identify a mission, develop a strategy for meeting it, and market themselves to students and supporters. Indeed, every university must have a clear, evidence-based understanding of the institution's performance towards its goals and mission. This understanding is achieved and maintained through ongoing evaluation.

Jaroslav Machan  
ŠKODA AUTO, a. s., CZ

→ **Experience of R&D Cooperation Between the Academic and Industrial Sectors**

The fast process of globalisation and, as a result, the increasing pressures of worldwide competition require intensification of cooperation between the academic and industrial sectors at both national and multinational levels. The presentation outlines selected topics and identifies areas that should develop such cooperation and make it more effective as the next step. Primarily, these include: Selected factors limiting cooperation on the academic side, Deficiencies in the methods of approaching joint projects, Different ideas of time constants in joint projects, Clearly set key responsibilities of the respective worksites, Possible factors of reinforcing the cooperation.

Furthermore, the presentation outlines ŠKODA Auto Development Department experience of cooperation with the academic sector in joint projects, specifically: R&D projects funded from non-public resources (ŠA's direct contracts, contracts of VW Research), R&D projects funded from public resources (EU, Czech Republic), Training & education projects funded from public resources (esf).

## 8. září

moderuje **Martin Lhoták KNAV, CZ**

**13.00–13.15**

→ **zahájení konference a uvítání účastníků konference**

Martin Svoboda ředitel Národní technické knihovny, CZ  
Ivan Wilhelm náměstek pro výzkum a vysoké školství, MŠMT, CZ

**13.15–14.00**

James V. Staros

→ **Evaluating Research at Levels from National to Institutional**

**14.00–14.45**

Štěpán Jurajda

→ **Common mistakes in the application of bibliometric information in the Czech Republic**

**15.15–16.00**

Erik Arnold

→ **Measuring Health in Research and Innovation Systems: The Czech Research Audit in International Context**

**16.00–16.45**

Nancy Foster

→ **Participatory Design of Academic Libraries**

## 9. září

moderuje **Martin Svoboda**

**9.00–9.30**

Joep Verheggen

→ **A short story about multi-dimensional research assessment and SciVal applications**

**9.30–10.00**

Jeff Clovis

→ **Assessing faculty productivity and institutional research performance: Using publication and citation key performance indicators**

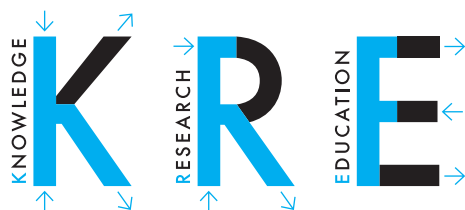
**10.00–10.45**

Jaroslav Machan

→ **Experience of R&D cooperation between the academic and industrial sectors**

**11.15–12.50**

→ **panelová diskuse**



**8. – 9. září 2011**

← <http://kre.techlib.cz/> → [kre@techlib.cz](mailto:kre@techlib.cz)

**Ballingův sál**  
**Národní technická knihovna**  
**Technická 6 / 2710, 160 80 Praha 6-Dejvice**

**Registrace je otevřena do 4. 9. 2011.**

**Účastnický poplatek je 1 200 Kč / 50 €.**