

Identification, location and temporal evolution of topics

Data and algorithm – comparison of approaches

Library and Information Centre of the Hungarian Academy of Sciences
Arany János st. 1, 1051 Budapest
29-30 August 2016

KNOWeSCAPE



Workshop program

Monday 29th August 2016

- 08.30 Registration
09.00 Welcome
09.15 **Theresa Velden**: Mapping the cognitive structure of astrophysics combining different levels of organization: a citation and journal based approach
09.45 **Wolfgang Glänzel**: Lexical analysis of scientific publications for nano-level scientometrics
10.15 **Petra Ahrweiler**: Relating societal expectation structures and opinion dynamics to actual policies and developments in facts and figures - How the discourses around New and Emerging Technologies (NEST) and Responsible Research and Innovation (RRI) shape the European agenda
10.25 Coffee Break
10.55 **Kevin Boyack**: The Tradeoff between Altruism and Economic Growth in the Research Focus of Nations
11.25 **Tim Evans**: The Location of Papers in Topic Space-Time
11.55 **Edgar Schiebel**: Bibliometric field delineation with heat maps of bibliographically coupled publications using core documents and a cluster approach—the case of multiscale simulation and modelling
12.25 **George Kampis**: Blindfolded NLP: Unsupervised Learning for Automatically Generating Topic Labels
12.55 Lunch Break

Panels and Discussions

- 14.25 Author panel on the *Scientometrics* special issue „Same data, different results”
Facilitator: **Andrea Scharnhorst**
15.55 Coffee Break
16.25 Validation methods for topic extraction results (Discussion)
Facilitator: **Jochen Gläser**

Tuesday 30th August 2016

- 09.30 **Marcus John**: Technology foresight and the concept of emerging topics
10.00 **Sándor Soós**: Disciplinary structure and topical complexity in SSH—the IMPACT EV mission
10.30 Coffee Break
11.00 **Haluk Bingöl**: Context sensitive article ranking with citation context analysis
11.30 **Péter Pollner**: Quantifying the changing role of past publications
12.00 **Gergely Tibély**: Hierarchical organisation of scientific journals
12.30 Lunch Break

Panels and Discussions

- 14.00 Future plans on the challenge of topic extraction (Discussion)
Facilitator: **Theresa Velden**
15.00 Synergies with the IMPACT EV project (Discussion for participants of the project)
Facilitator: **Sándor Soós**

KNOWeSCAPE „Analyzing the dynamics of information and knowledge landscapes”
<http://knowscape.org/>

Organisation:

Sándor Soós
MTA KIK
soos.sandor@konyvtar.mta.hu

Theresa Velden
Technische Universität Berlin
theresa.velden@gmail.com

Action Chair:

Andrea Scharnhorst
DANS
Andrea.scharnhorst@dans.knaw.nl