

Moving DSpace to a fully-featured CRIS System

Bollini, Andrea ⁽¹⁾; Lo, Chun-yue ⁽²⁾; Mornati, Susanna ⁽¹⁾; Palmer, David T ⁽²⁾; Pascarelli, Andrea ⁽¹⁾

1: CILEA, Italy 2: The University of Hong Kong

Publications are very important indicators of university research output, though they are only one of the elements that need to be exposed and evaluated in order to assess performance and impact of a university. Starting from 2009, The University of Hong Kong (HKU) began to extend its IR, the HKU Scholars Hub (the Hub), to reflect these considerations. The Hub manages data about publications, research activities, grants, awards and many other different types of research information, to be shared (HKU's "Knowledge Exchange") among its varied communities.

Maximize exposure & discovery:

- ▶ Researchers (experts)
- ▶ Projects
- ▶ Patents
- ▶ Equipment and laboratory
- ▶ Services
- ▶ Events
- ▶ Researcher groups & Organization Units

1

Improve the quality of your metadata:

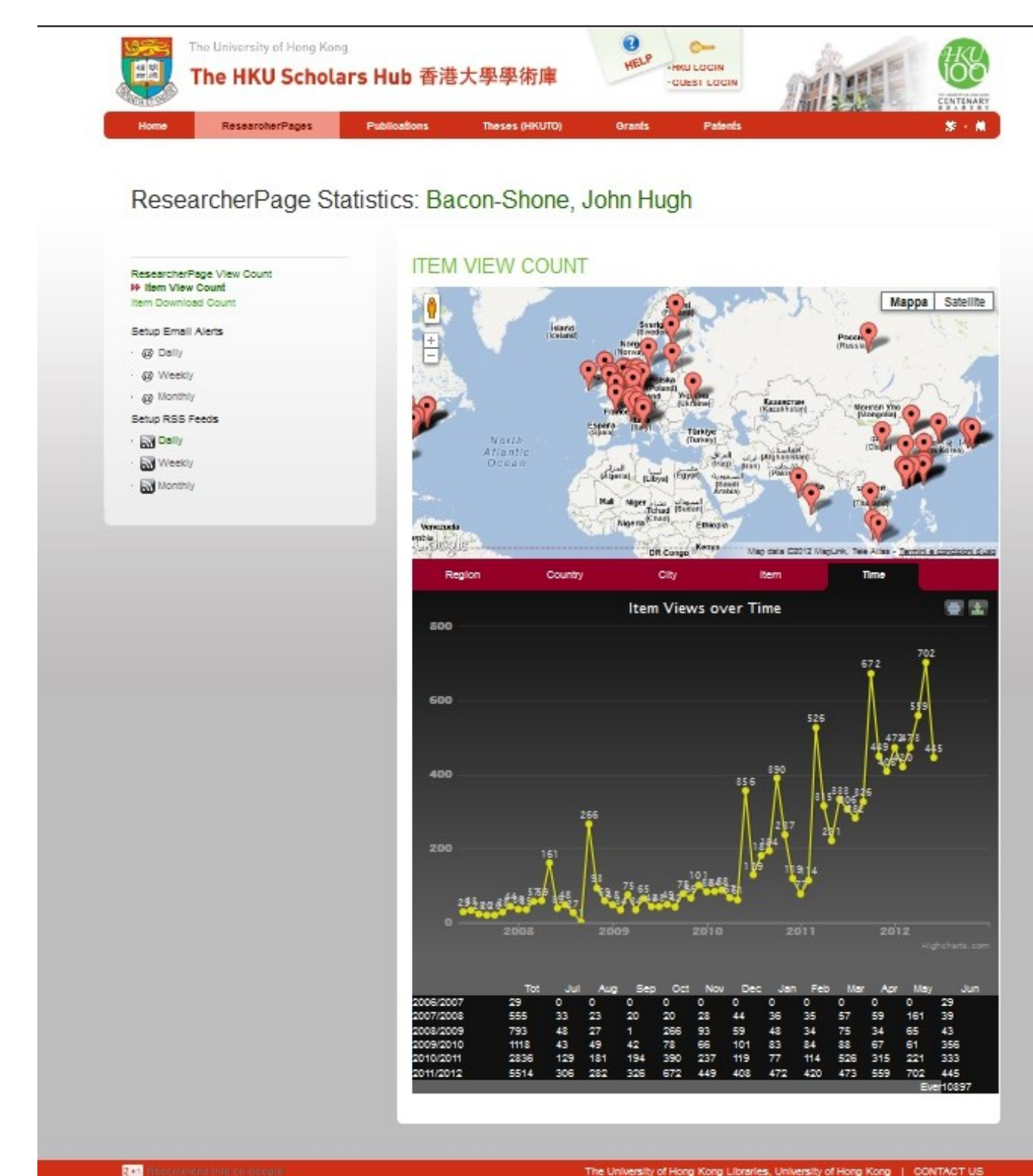
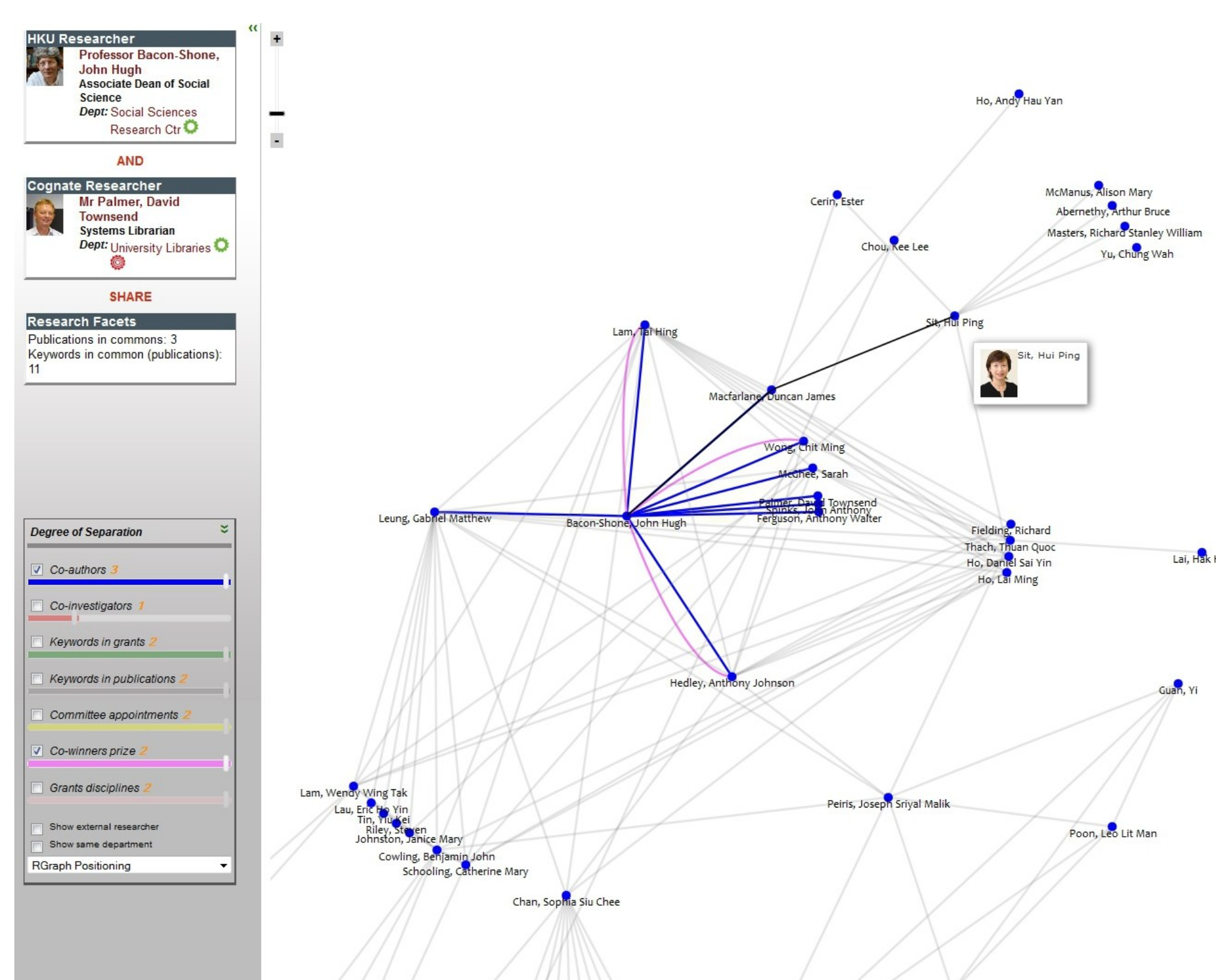
- ▶ Author name disambiguation
- ▶ Manage name variants (also cited as)
- ▶ Associate authors, related project, event to items using friendly autocomplete
- ▶ Authors can claim/disclaim publications from previous import
- ▶ Reduce duplication, also co-authors can see submissions in progress in their workspace in real time

2

Provide Services to the researchers:

- ▶ Online CV, with export of publications in several formats
- ▶ Select lists of publications
- ▶ Hide publications, projects and details from one's profile
- ▶ Collect additional information directly from the researcher
- ▶ Author Statistics with alert (RSS & email)
- ▶ Bibliometric Indexes
- ▶ Network visualizations and metrics

3



“ Many thanks for your works!!! Based on information of my [ResearcherPage], I was chosen as an editor for a new book "Tumor Suppressor Genes" last year.

– An HKU author

February 2012

”

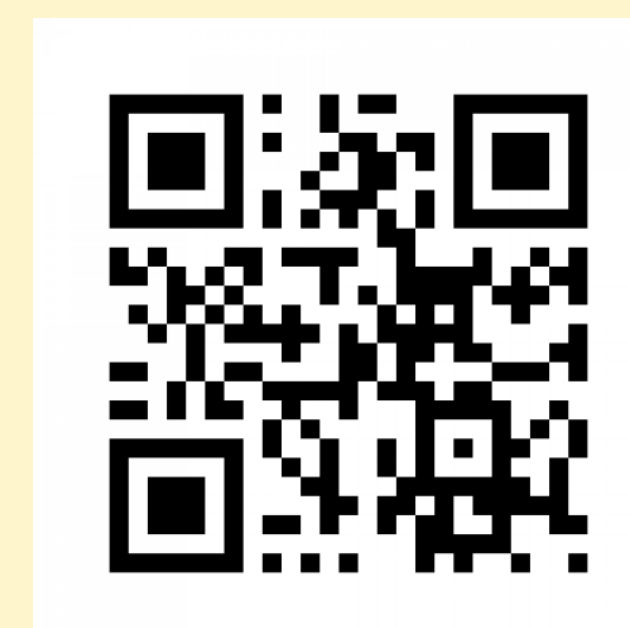
Technical aspects:

- ▶ Extensible data model: add fields and relations without writing code
- ▶ Automatic editing & presentation of custom fields and relations
- ▶ Ability to customize jsp fragments to meet special needs
- ▶ Up to date technologies: SpringMVC/JSP2.0, Hibernate, SOLR
- ▶ Import/Export from XML
- ▶ Webservices SOAP for data access with granular access-control
- ▶ Open Source Addon: dspace-cris module!

DSpace-CRIS can provide the missing features in your Repository!

Join us on GitHub

<https://github.com/CILEA/dspace-cris>



The University of Hong Kong

