Integration and Unification of Catalan CRIS

May 13th-15th, 2014

CRIS2014
Current Research Information Systems

Rome, Italy
SIGMA AIE

SIGMA CRIS – Solution

Unification of Catalan CRIS
SIGMA AIE is the only non-profit consortia for the Higher Education sector in Spain.

Created in 1996, brings together 8 Spanish public universities to offer technological solutions for their needs of managing the academic, teaching and research processes.

SIGMA focuses its efforts on developing and maintaining "best of breed" solutions:

- SIGMA SIS Student Information System
- SIGMA CRIS Research Information System

Sigma solutions are used by the 8 universities of the consortia and 12 costumers.
Experience

18 years serving the University Management

Technology

Pioneers in Web Applications for Higher Education

Innovation

Open, mobile and service-oriented solutions

Quality

Our icon - The Enrollment process more complete, reliable and secure

International

Leaders in European organizations, consortia and partners networks

Social responsibility

Gartner recognizes the SIGMA Learning Center in promoting the education sector
SIGMA AIE

SIGMA CRIS – Solution

Unification of Catalan CRIS
SIGMA CRIS Solution

Management

- Calls and applications management
- Research grants
- Agreements and renewals
- Contracts & Patents
- R&D Projects
- Master data management
- Research groups management

Production

- Scientific Outputs management
  - Friendly Researcher front end
  - Back office Validation
  - Interoperability from international repositories
- Project management
  - Project tasks
  - Budget monitoring
  - Efforts
  - Member management
  - Documentation management
- CV editor
  - CVN 1.3, AQU, Ministry, Customized

Promotion

- Portal de la Producció Científica
  - Powerful search engine
  - Researcher, Groups & Departments
  - Expert directory
- Annual Reporting
  - Institution, Groups & Departments
  - Filtres aplicats a les activitats i investigadors
- Integration with Libraries and other institutional repositories

Governance

- Analytical data for each research scope:
  - Publications
  - Patents
  - Project and contracts
  - Researchers and research groups
- Interactive dashboards
- Bibliometry & impact
Research Project Management application
Scientific Outputs Management application:

Interactive dashboard showing the main research indicators

**Governance Dashboard**

- **Macroárea (todas)**
- **Centro (todos)**
- **Instituto (todos)**
- **Departamento (todos)**
- **Año inicio**
- **Año fin**

**Evolución número de personas (por tipo)**

**Personas por perfil (2013)**

- Doctor Fijo: 105
- Doctor no Permanente: 330
- Doctor en Formación: 189
- Doctor no Perm. Fijo: 414
- Doctor en Formación: 1618

**Personas por tipo de grupo (2013)**

- Consolidado: 510
- Consolidado Inv. Aplicada: 123
- Emergente: 234
- Sin grupo: 1001

**Proyectos y contratos por ámbito (año 2013)**

<table>
<thead>
<tr>
<th>Ámbito</th>
<th>Nº</th>
<th>Euros</th>
<th>Nº</th>
<th>Euros</th>
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<tr>
<td>Internacional</td>
<td>21</td>
<td>566.856 €</td>
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<td>62.972 €</td>
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<td>5.501.931 €</td>
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<td>4.896.927 €</td>
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**Evolución Importes de contratos-convenios**

**Evolución Importes de proyectos**

**Evolución producción científica (por tipo)**

- Libros: 2010
- Capítulos de libros: 2011
- Artículos en revistas: 2012
- Com. en congresos: 2013

**Evolución del emprendimiento**

- Número de Spin Off

**Evolución resultados transferencia (por tipo)**

- 2010
- 2011
- 2012
- 2013
SIGMA AIE

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Unification of Catalan CRIS
Sigma CRIS - Scientific Outputs

Interoperability

International scope

RESEARCHER ID

ORCiD

ORCiD

BibTex

National scope

WebServices

Dialnet

Journals, thesis & congress

CSUC

Research Portal of Catalonia
There is a lot of research information scattered among different repositories and universities CRIS

CSUC Challenge:

- Align the actions of the Catalan Government and the universities
- Institutional Repository of Open Access Documents
- Management research Systems
- Storage of scientific data
- Access to Digital Library of Catalonia called CERCA for research centers
- Create a Public Research Portal with all the scientific activities done on Catalan Public Universities
- Establish an unique dissemination point of Catalan research to the world
Which is the best format for sending this data?
### Researchers with ORCID

**Catalan public universities**

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* Information sent by ORCID

[Graph showing distribution of ORCID information among different universities with colored bars for each month.]
Agreements to achieve the objectives set:

- Promote the generation and use of the ORCID among researchers
- Set a CERIF-XML format to send metadata from University CRIS to the central repository
- Automatize the interoperability
- Use a DSpace-CRIS open solution for the Research Portal of Catalonia

SIGMA CRIS will participate in the first pilot to send research data to CSUC using the CERIF-XML format
Thank you