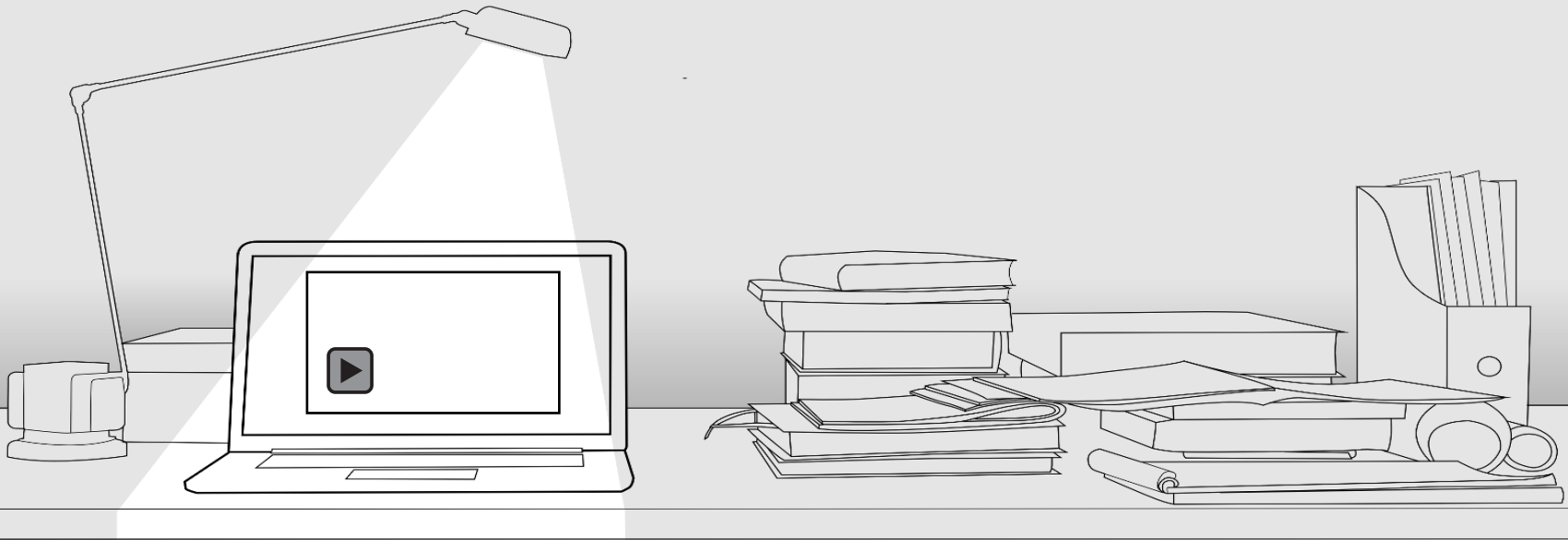




# SCIPEDIA

Your Open Science and  
Research Publishing Platform



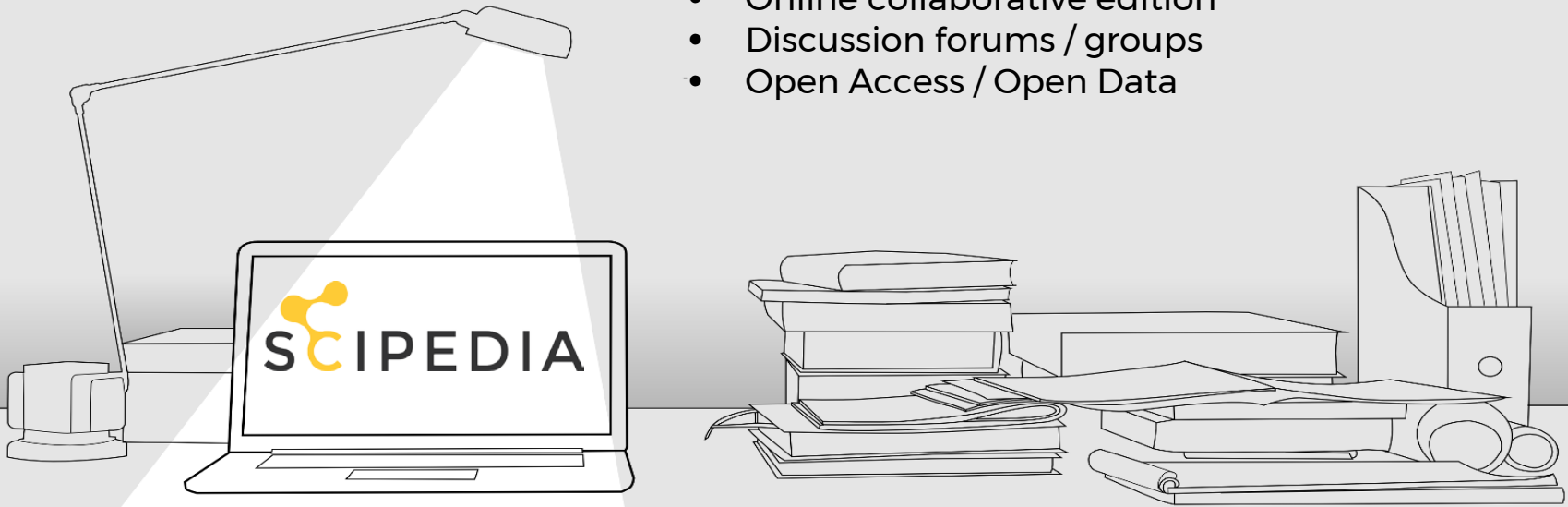
**SciShops**   
1st SciShops Summer School

# What can Scipedia offer ...

... to researchers?

... to Open Science?

- Personal / project / community profile
- Thematic / personal / project repositories
- Enriched web publishing
- Online collaborative edition
- Discussion forums / groups
- Open Access / Open Data



# What can Scipedia offer ... ... to researchers?

The screenshot shows the Scipedia profile page for Eugenio Oñate. The browser address bar shows the URL <https://www.scipedia.com/profile/onate>. The page header includes the Scipedia logo and navigation links: Profile, Library, My network, Groups, and Help. The user's profile information is displayed, including a photo, name (Eugenio Oñate), title (Director), and affiliation (International Centre for Numerical Methods in Engineering, Universitat Politècnica de Catalunya - BarcelonaTech). A yellow button labeled 'CREATE A DOCUMENT' is visible. Below the profile information, a navigation bar highlights 'Activity', 'Profile', 'My publications', 'Experience', and 'Analytics'. The main content area features a 'SEND A MESSAGE' section with a text input field and a 'POST' button. To the right, a 'PROFILE STRENGTH' indicator shows 89% completion. Below this, a 'YOUR PROFILE IS COMPLETED' message with a green checkmark indicates that the user can now publish. The 'INFORMATION' section lists options like 'Submit your paper', 'Become a publication editor', 'Open access', and 'Contact us'. The 'COLLEAGUES' section includes an 'INVITE COLLEAGUES' button and a list of colleagues following the user, such as Mariano Padilla and Eugenio Muttio. The main content area also displays a list of publications, each with a Scipedia logo, a title, and an 'Edit' button.

- Personal profile
  - Overview
  - Publications
  - Experience, skills
  - Google Scholar link
- Activity panel and messaging tools
  - Mailing
  - Public
  - Followers
  - Groups
- Personal repositories
- Analytics

# What can Scipedia offer ... ... to researchers?

The screenshot displays the Scipedia interface for Eugenio Oñate's profile. The browser address bar shows the URL <https://www.scipedia.com/sj/eorr#>. The page header includes the Scipedia logo and navigation links like 'Profile', 'Library', and 'My network'. A search bar is visible in the top right. The main content area features a banner for 'Eugenio Oñate's Research Reports' with a description: 'Eugenio Oñate's Research Reports is an online archive aimed at collecting, preserving, and disseminating digital copies of the research reports written by prof Eugenio Oñate.' Below this, a list of documents is shown with columns for 'DOCUMENTS', 'VIEWS', 'SCORE', and 'SCORE PERCENTILE'. A detailed view of a document is shown, including the title 'Advances in the DEM and coupled DEM and FEM techniques in non linear solid mechanics', the author list 'Eugenio Oñate, F. Zárate, M.A. Celigueta, J.M. González, J. Miquel, J.M. Carbonell, F. Arrufat, S. Latorre, M. Santasusana', and an abstract. The abstract text is: 'In this chapter we present recent advances in the Discrete Element Method (DEM) and in the coupling of the DEM with the Finite Element Method (FEM) for solving a variety of problems in non linear solid mechanics involving damage, plasticity and multifracture situations.' Below the abstract are 'READ' and 'EDIT' buttons. The sidebar on the right contains sections for 'EDITORS' (listing Eugenio Oñate with 179 publications) and 'INFORMATION' (with links for 'About this publication', 'How to submit', 'Open access', and 'Contact'). At the bottom, there is a banner for 'PLATFORM FOR AIRCRAFT DRAG REDUCTION INNOVATION'.

- Personal / thematic repositories for self-archiving:
  - Papers (preprints, ...)
  - Research reports
  - Monographs
  - ...
- Customized page
  - URL
  - Title and banner
  - About and info
  - Statistics
- Search tools
- Indexing support (metadata)

# What can Scipedia offer ... ... to researchers?

Hydrodynamic analysis x

Es seguro | https://www.scipedia.com/public/Draft\_García-Espinosa\_664570884

SCIPEDIA Profile Publications My network Groups Help

Repository of the International Center for Numerical Methods in Engineering (CIMNE)  
**Time domain simulation of coupled sloshing-seakeeping problems by SPH-FEM coupling**  
Borja Servan Camas, J.L. Cercós-Pita, Jonathan Colom Cobb, Julio García-Espinosa

How to cite Document data

Read document Edit Visual Editor Edit data History

Case 1: Cable under its self weight [edit]

The first case is based on that presented in [47]. It consists of an isolated cable, with fixed ends, subjected to its own weight. Initially the cable has a flat form. The expected deformation is a U form, and the reactions at the ends must be equal to the cable weight. The properties of the cable are: the stiffness  $EA = 50$  N, the weight per unit length  $w = 0.4$  Nm, and **14.1421** m of span length.

Next, a video of the analysis case 1 is presented.

OC3 spar buoy wind turbine coupled simulation

Video 1. OC3 spar buoy wind turbine simulation (analysis case 1).

The MS Excel file below includes the results of the time evolution of the cable under its self weight (corresponding to figure 1):

case\_1.xlsx

References [edit]

[1] Breton SP, Moe H. Status, plans and technologies for offshore wind turbines in Europe and North America. *Renew Energy*. 2009;34:646-54.

[2] Karimirad M, Meissonnier Q, Gao Z, Moan T. Hydroelastic code-to-code comparison for a tension leg spar-type floating wind turbine. *marine structure*. 2016;24:12-30.

[3] ...

GET PDF GET EPUB

DOCUMENT INFORMATION

Published on 22/02/17  
DOI: 10.1016/j.rimmi.2015.09.003  
Licence: CC BY-NC-SA license

DOCUMENT SCORE

5  
Views 0  
Recommendations 3

SHARE THIS DOCUMENT

KEYWORDS

Sloshing • Coupling • SPH • FEM • LNG • Seakeeping

STRUCTURAL MEMBRANES 2017  
Munich, Germany - October 9-11

Enriched web format + online editor:  
text, references, links

Datasets,

video

...

Import from Word / LaTeX

Online (collaborative) edition

Linked to authors/inst. profile

Information

- Indexing support (metadata)
- Keywords (tags)
- Categories
- DOI and doc. info
- Licence

Other utilities:

- Export to PDF and EPUB
- Discussion forum
- Revisions history
- Share this document
- Document score
- Views / recommend.

LATEX



Google Docs

# What can Scipedia offer ... ... to researchers?

The screenshot shows a web browser window displaying a Scipedia document. The browser's address bar shows the URL: [https://www.scipedia.com/public/Oñate\\_et\\_al\\_2017b](https://www.scipedia.com/public/Oñate_et_al_2017b). The page title is "Advances in the DEM and coupled DEM and FEM techniques in non linear solid mechanics". The author information lists Eugenio Oñate, F. Zárate, M.A. Celigueta, J.M. González, J. Miquel, J.M. Carbonell, F. Arrufat, S. Latorre, and M. Santasusana. The page has a navigation bar with tabs: "Read document", "Discussion", "Edit", "Visual Editor", "Edit data", and "History". The "Discussion" and "History" tabs are highlighted with yellow boxes. The main content area is divided into sections: "Abstract", "Full document", "DOCUMENT INFORMATION", "DOCUMENT SCORE", "SHARE THIS DOCUMENT", and "KEYWORDS". The "Abstract" section contains the text: "In this chapter we present recent advances in the Discrete Element Method (DEM) and in the coupling of the DEM with the Finite Element Method (FEM) for solving a variety of problems in non linear solid mechanics involving damage, plasticity and multifracture situations." The "Full document" section shows the beginning of the "1 INTRODUCTION" section. The "DOCUMENT INFORMATION" section shows the publication date "Published on 25/05/16" and the license "Licence: CC BY-NC-SA license". The "DOCUMENT SCORE" section shows a score of "0" and "Views 354". The "SHARE THIS DOCUMENT" section shows social media sharing buttons for Facebook, Twitter, LinkedIn, and Google+. The "KEYWORDS" section lists "Turbulent modeling", "Stabilized finite element", "Incompressible Navier-Stokes".

- PDF viewer + online editor to add:
  - text, references, links
  - datasets
  - video
  - ...
- Linked to authors/inst. profile
- Information
  - Indexing support (metadata)
  - Keywords (tags)
  - Categories
  - DOI and doc. info
  - Licence
- Other utilities:
  - Discussion forum
  - Revisions history
  - Share this document
  - Document score
  - Views / recommend.

# A few examples of Scipedia's (online edition) capabilities

## 1. Embedded **VIDEO**:

[https://www.scipedia.com/public/Garc%C3%ADa-Espinosa\\_et\\_al\\_2016a](https://www.scipedia.com/public/Garc%C3%ADa-Espinosa_et_al_2016a)

## 2. Embedded **VIDEO & EXCEL** spreadsheets:

[https://www.scipedia.com/public/Guti%C3%A9rrez\\_Romero\\_et\\_al\\_2017a](https://www.scipedia.com/public/Guti%C3%A9rrez_Romero_et_al_2017a)

## 3. Collection of **VIDEOS** of **PRESENTATIONS** of a conference

<https://www.scipedia.com/sj/complaxiii>

## 4. **PPT, PDF** and **Prezi** conference presentations

<https://www.scipedia.com/sj/jgecp>



# What can Scipedia offer ... ... to researchers?

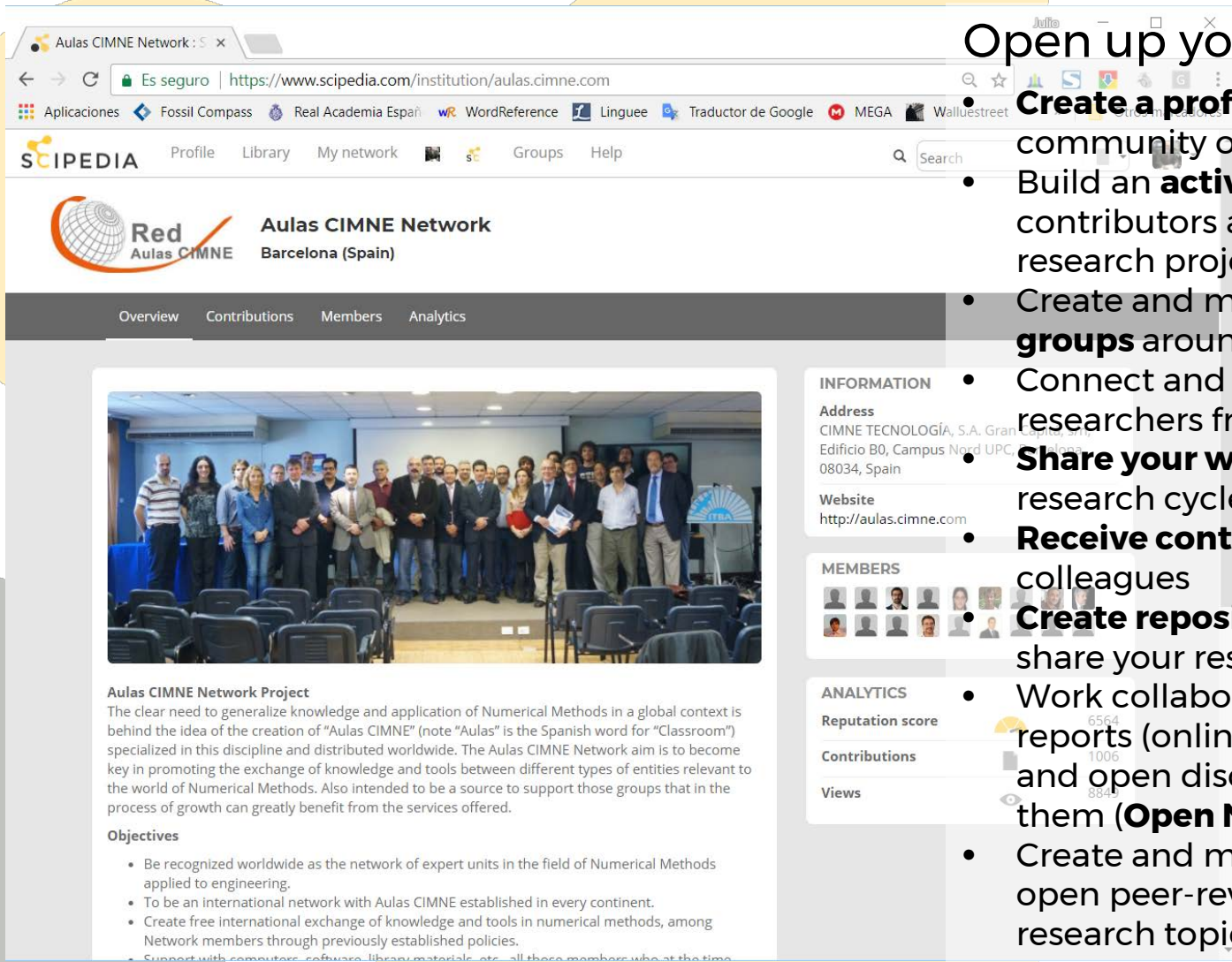
Every document has a discussion forum (for authors and registered users)

The image is a collage of several screenshots from the Scipedia website, illustrating its features for researchers. The top-left screenshot shows a document titled "A computational model for the evaluation of the spray generation of a Wave Adaptive Modular Vessel" by Julio Garcia-Espinoza et al., published on 23/12/16. The top-right screenshot shows the same document's details, including a "DOCUMENT SCORE" of 0, "Views: 12", and "Recommendations: 0". It also features a "SHARE THIS DOCUMENT" section with social media icons and a "KEYWORDS" section with terms like "Seakeeping", "Spray", "Ship Hydrodynamics", "WAM-V", and "Semi-Lagrangan formulation". The middle-left screenshot shows a discussion forum for the document, with a post by Prof. Sergio Idelsohn. The middle-right screenshot shows a presentation slide titled "A computational model for the evaluation of the spray generation of a Wave Adaptive Modular Vessel" by J. Garcia-Espinoza, E. Oriate, B. Serván-Camas, P. Nadukandi, and PA Becker, presented at the 31st Symposium on Naval Hydrodynamics. The bottom-left screenshot shows a video recording of a presentation by Antoinette M. Maniatty titled "Computational Crystal Plasticity for the D... Crystal Scale Model". The bottom-right screenshot shows the "Recording of the presentation" section, including a video player and a "SHARE THIS DOCUMENT" section with social media icons and a "KEYWORDS" section with the term "Computational crystal plasticity".

Archive all your work (presentations, conference or seminar videos, data, ...)



# What can Scipedia offer ... ... to Open Science?



The screenshot shows the Scipedia website interface for the Aulas CIMNE Network. The page includes a navigation bar with 'Profile', 'Library', 'My network', 'Groups', and 'Help'. The main content area features a large group photo of the network members and a detailed profile section. The profile section includes an 'INFORMATION' tab with address and website details, a 'MEMBERS' tab showing a grid of member avatars, and an 'ANALYTICS' tab displaying a reputation score of 6564, 1006 contributions, and 884 views.

## Open up your research

- **Create a profile** for your open science community or project
- Build an **active community** of contributors around your open research project
- Create and manage **discussion groups** around your project
- Connect and collaborate with researchers from around the world
- **Share your work at any stage** of the research cycle
- **Receive contributions** from your colleagues
- **Create repositories** to archive and share your research reports and data
- Work collaboratively on your research reports (online editor / version history) and open discussion forums about them (**Open Notebooks**)
- Create and manage collaborative open peer-review journals on your research topics

### Aulas CIMNE Network Project

The clear need to generalize knowledge and application of Numerical Methods in a global context is behind the idea of the creation of "Aulas CIMNE" (note "Aulas" is the Spanish word for "Classroom") specialized in this discipline and distributed worldwide. The Aulas CIMNE Network aim is to become key in promoting the exchange of knowledge and tools between different types of entities relevant to the world of Numerical Methods. Also intended to be a source to support those groups that in the process of growth can greatly benefit from the services offered.

#### Objectives

- Be recognized worldwide as the network of expert units in the field of Numerical Methods applied to engineering.
- To be an international network with Aulas CIMNE established in every continent.
- Create free international exchange of knowledge and tools in numerical methods, among Network members through previously established policies.
- Support with computers, software, library materials, etc. all those members who at the time

# What can Scipedia offer ... ... to Open Science?

Social network tools such us ...

The image is a collage of four screenshots from the Scipedia website, illustrating its social networking and communication features:

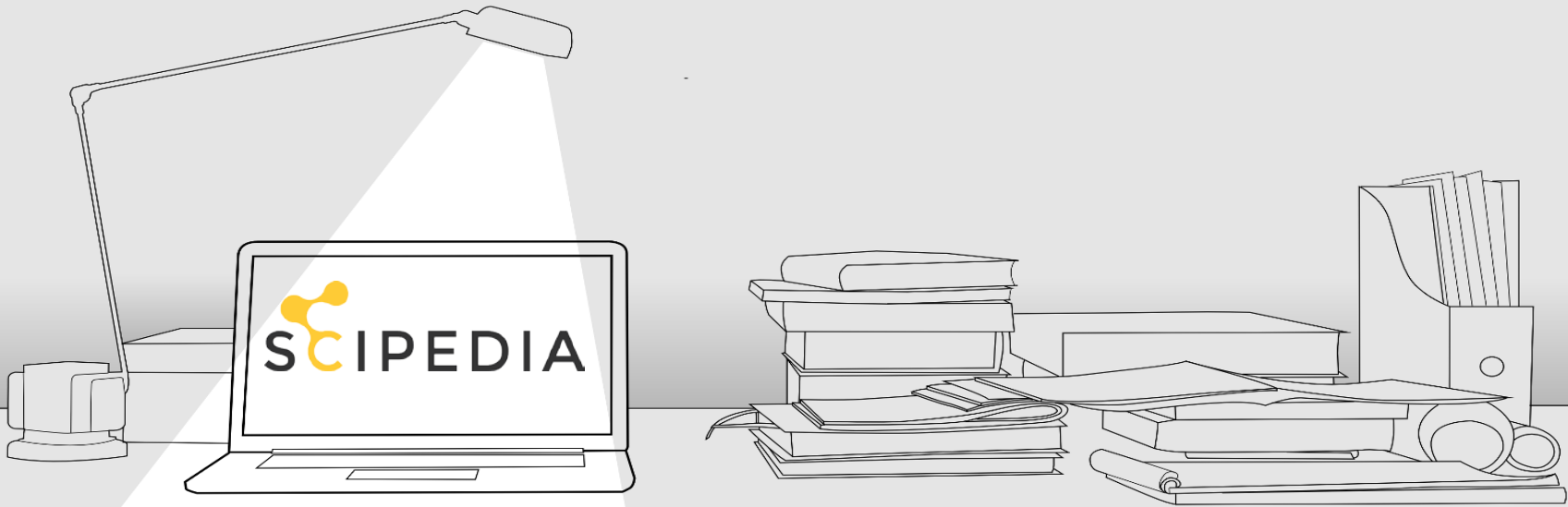
- Top Left:** A user profile for Julio Garcia-Espinosa. The 'My network' tab is highlighted, showing a list of colleagues.
- Top Right:** A user profile for Eugenio Oñate. The 'Profile' tab is highlighted, showing a 'Profile Strength' of 89% and a 'Your profile is completed' message.
- Bottom Left:** A 'My network: following / follower' list showing a grid of user avatars and names, including Abderrachid Hamrani, Anna Rovira, Borja Servan Camas, Cristian Ponce Farfán, Daniel Sá, Daniel Di Capua, David J. Vicente, Eugenio Oñate, Farid ABED-MERAIM, Francesco Marmo, and Francisco Zarate.
- Bottom Center:** A group page for 'Validation of computational models'. It includes an 'ABOUT' section, 'GROUP DISCUSSIONS', and a 'Journal of Validation of Computational Models' entry by Julio Garcia-Espinosa.
- Bottom Right:** A messaging interface with a 'SEND A MESSAGE' button and a 'POST' button. It also shows a 'COLLEAGUES' section with an 'INVITE COLLEAGUES' button.

- Activity panel
- Messaging / Mailing

- Groups
- Discussion fora

# What can Scipedia offer ... ... to institutions?

- Institution / department / group / profile
- Institution / department / group repositories
- Institution / department / group analytics
- Management of multiple affiliations
- Open Access / Open Data archives



# What can Scipedia offer ... ... to institutions?

The screenshot shows a web browser window displaying the CIMNE website. The address bar shows the URL <https://www.cimne.com/openscience>. The website header includes the CIMNE logo, navigation links (Profile, Library, My network, Groups, Help), a search bar, and a 'Select domain' dropdown. The main content area features a navigation menu with 'Overview', 'Contributions', 'Members', and 'Analytics'. The 'Overview' page includes a large image of the CIMNE building, a detailed text description of the organization, and a sidebar with 'INFORMATION', 'MEMBERS', and 'ANALYTICS' sections.

**CIMNE** 9  
Profile Library My network Groups Help  
Select domain Search

**CIMNE** 9  
Towards 30 years  
1987-2017  
**International Centre for Numerical Methods in Engineering**  
Barcelona (Spain)

Overview Contributions Members Analytics

**INFORMATION**  
Address  
Campus Nord UPC, CIMNE Building C1. C/  
Gran Capità, S/N 08034 Barcelona, Spain  
Head of institution  
Oñate, Eugenio 253  
International Centre for Numerical...  
Website  
<http://www.cimne.com/>

**MEMBERS**

**ANALYTICS**  
Reputation score 8396  
Contributions 982  
Views 9852

The International Centre for Numerical Methods in Engineering (CIMNE) is a research organization created in 1987 at the heart of the prestigious Technical University of Catalonia (UPC) as a partnership between the Government of Catalonia and UPC, in cooperation with UNESCO. The aim of CIMNE is the development of numerical methods and computational techniques for advancing knowledge and technology in engineering and applied sciences.

CIMNE's headquarters are located at the heart of the Technical University of Catalonia (UPC) in Barcelona. CIMNE has also premises at different buildings in several campus of the UPC. CIMNE has also offices in Spain (Madrid, Terrassa and Ibiza). In 2005 CIMNE started its international expansion and since then has created the following international branches: CIMNE Latinoamérica (Non-profit Foundation in Santa Fe, Argentina); CIMNE USA (Non-profit Corporation in Washington DC, USA); CIMNE Singapore (Non-profit Corporation in Singapore) and CIMNE Beijing (China).

CIMNE employs some 250 scientists and engineers who work in the different offices of CIMNE around the world. CIMNE has also established a network of 30 Classrooms in partnership with Universities in Spain and 11 Latin American countries.

The research and technology development (RTD) activities of CIMNE cover a wide spectrum of topics ranging from classical engineering fields such as civil, mechanic, environmental, naval, marine and offshore, food, telecommunication and bio-medical engineering, computer sciences and applied sciences such as material sciences bio-medicine, computational physics, nature, social and economic sciences and multimedia sciences, among others.

## Institutional profile

- Customized layout / design
- Dedicated instance (institutional URL)
- Home page
  - Overview
  - Information
- Linked to repositories
  - Institutional
  - Departments
  - Personal
- Directory (members)
- Analytics
- Curation (edition)

# What can Scipedia offer ... ... to institutions?

## Document/Data repositories

The screenshot shows the Scipedia interface for the CIMNE institution. The main navigation bar includes 'Overview', 'Contributions', 'Members', and 'Analytics'. The 'Contributions' tab is active, displaying three document repositories:

- Papers Repository of the International Centre for Numerical Methods in Engineering (CIMNE)**  
Scope: The Papers Repository of the International Centre for Numerical Methods in Engineering (CIMNE) is an online archive aimed at collecting, preserving, and disseminating digital copies of scientific papers published by researchers of the International [...]  
Stats: 58 documents, 1568 views, 5/5 rating. [READ](#)
- Technical Reports of the International Centre for Numerical Methods in Engineering (CIMNE)**  
Scope: The collection gathers the Technical Reports of the International Centre for Numerical Methods in Engineering (CIMNE)  
Stats: 875 documents, 4517 views, 5/5 rating. [READ](#)
- Presentations to the VI International Conference on Coupled Problems in Science and Engineering**  
Scope: The objectives of **COUPLED PROBLEMS 2015** are to present and discuss state of the art, mathematical models, numerical methods and computational techniques for solving coupling problems of multidisciplinary character in science and engineering. The conference goal [...]  
Stats: 9 documents, 181 views, 5/5 rating. [READ](#)

On the right side, there is an 'INFORMATION' section with details about the institution's address, head of institution (Eugenio Oñate), and website. Below that is a 'MEMBERS' section showing a grid of member profiles. At the bottom right, an 'ANALYTICS' section displays a reputation score of 6564, 1006 contributions, and 8849 views.

- Preprints / open access papers
- Research / Project reports
- Monographs
- Proceedings / presentations
- Journals
- Open data repositories
- Links to selected archives
- Institutional Departments / groups
- Personal
- Multiple links to documents

# What can Scipedia offer ... ... to institutions?

## Data / Big data repositories

The screenshot shows a Scipedia document page. The browser address bar displays the URL: [https://www.scipedia.com/public/Draft\\_García-Espinosa\\_445](https://www.scipedia.com/public/Draft_García-Espinosa_445). The page title is "Software Quality Assessment Tool Based on Meta-Models" by Julio García-Espinosa. The document is part of the "Repository of the International Center for Numerical Methods in Engineering (CIMNE)".

The page layout includes a navigation bar with "Read document", "Edit", "Visual Editor", "Edit data", and "History". A "Document data" tab is highlighted. The main content area is divided into several sections:

- Description**: A text block describing the software tool.
- Preview**: A file explorer view showing a directory structure for "HeatMapWrapper-0.13\_released.zip". The files listed include "COPYING.txt", "HeatMapWrapper.py", "README.txt", "README\_example\_files" (with sub-files like "mol4.sdf", "mol4\_angle\_expected.jpg", "pretend.ds.sdf", "pretend.ds\_no.mol4.sdf", "pretend.ds\_pretend\_model\_dcs.csv"), "areMissingFeaturesLegit.py", "dependencies" (with "WHERE TO GET DEPENDENCIES.txt"), "my\_utils.py", "run\_me\_first.py", "tests" (with "Thumbs.db" and "compare\_images.py").
- Files**: A table listing the files and their sizes. The total size is 1.3 MB.
- References**: A list of references at the bottom of the page.

On the right side, there are several informational panels:

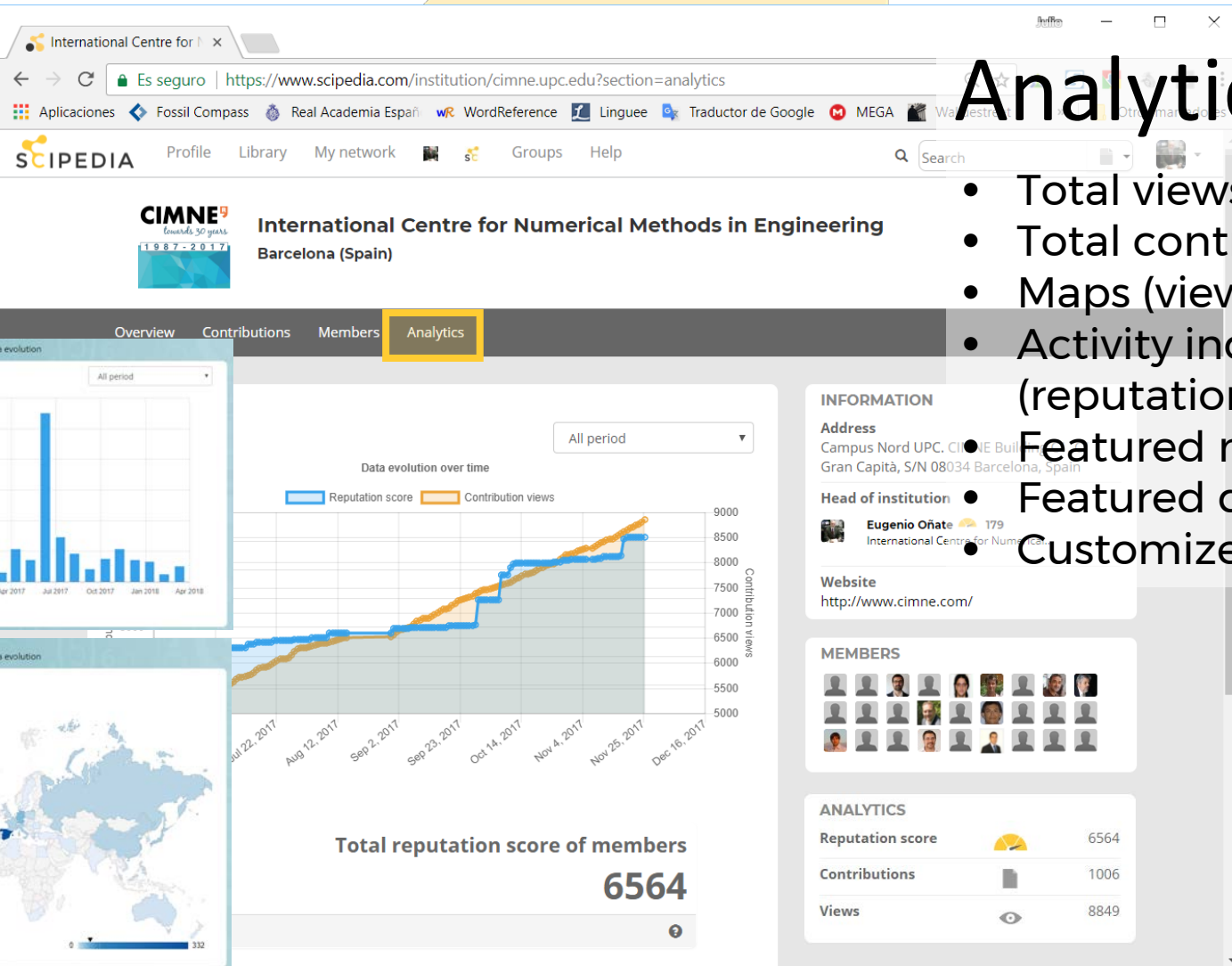
- DOCUMENT INFORMATION**: Shows the publication date (22/02/2017), DOI (10.1016/j.rimni.2015.09.003), and license (CC BY-NC-SA license).
- DOCUMENT SCORE**: Shows a score of 5 (represented by five stars) and 3 recommendations.
- SHARE THIS DOCUMENT**: Includes social media sharing icons for Facebook, Twitter, LinkedIn, and Google+.
- KEYWORDS**: Lists keywords such as "Sloshing", "Coupling", "SPH", "FEM", "LNG", and "Seakeeping".
- STRUCTURAL MEMBRANES 2017**: A thumbnail image of a structural model.

- Description
- Structured data (templates)
  - Datasets, Software, Graphs, Video, Big data sets, ...
  - Preview (when available)
- Unstructured data
  - Text + datasets + video + pictures + ...
  - Online edition
- References / external links
- Metadata (XML)
- Keywords (tags)
- Licence
- DOI and document info
- Other utilities:
  - Discussion forum
  - History
  - Share this document
  - Document score

# What can Scipedia offer ... ... to institutions?

## Analytics

- Total views
- Total contributions
- Maps (views)
- Activity index (reputation)
- Featured members
- Featured documents
- Customized ...



# What can Scipedia offer ... ... to institutions?

The image displays three overlapping screenshots of the Scipedia website interface, illustrating its features for institutions and users.

**Top-left screenshot:** Shows the profile page for the **CIMNE** (International Centre for Numerical Methods in Engineering) institution. The page includes a navigation menu with tabs for Overview, Contributions, **Members** (highlighted), and Analytics. The main content area displays the institution's name and location (Barcelona, Spain).

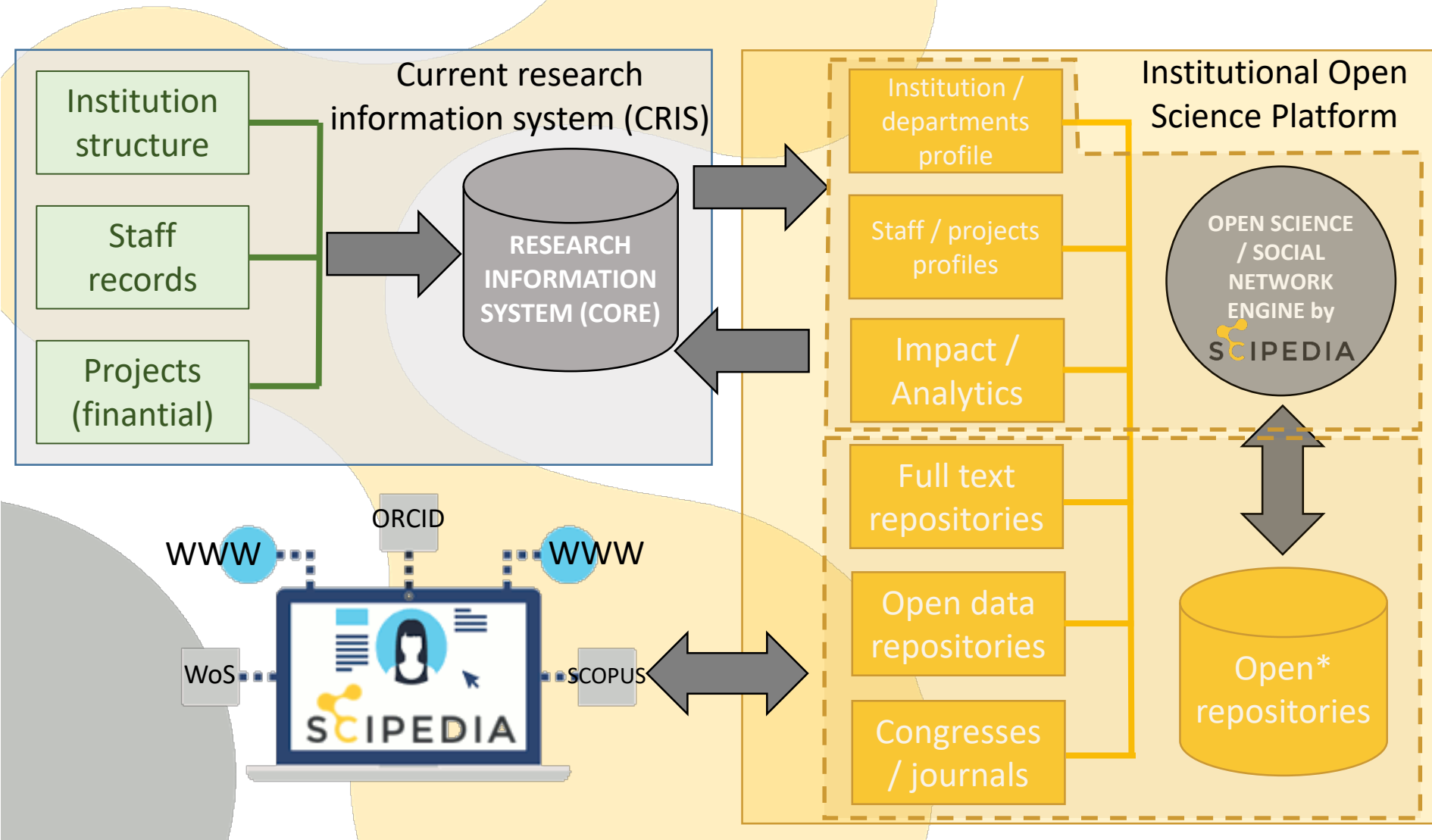
**Top-right screenshot:** Shows a user profile for **Julio García-Espinosa**. A yellow box highlights his affiliation: "Head at the Department of Naval Architecture and Ocean Engineering (MARINE), International Centre for Numerical Methods in Engineering, Universitat Politècnica de Catalunya - BarcelonaTech". A "CREATE A DOCUMENT" button is visible on the right.

**Bottom screenshot:** Shows the profile page for the **UPC** (Universitat Politècnica de Catalunya - BarcelonaTech) institution. The page features a list of members on the left, including Julio García-Espinosa, María Jesús Samper - RIMINI, Particles Contents, Coupled Contents, Eduardo Soudah, Jonathan Colom Cobb, Joaquín Irazábal González, and María Jesus Calvete. The main content area displays the institution's logo, name, and location (Barcelona, Spain), along with a photograph of a building and a description of the university's mission.

Management of multiple affiliations link personal profile with profiles of schools, departments, research groups, affiliated research centers, ... and their repositories.

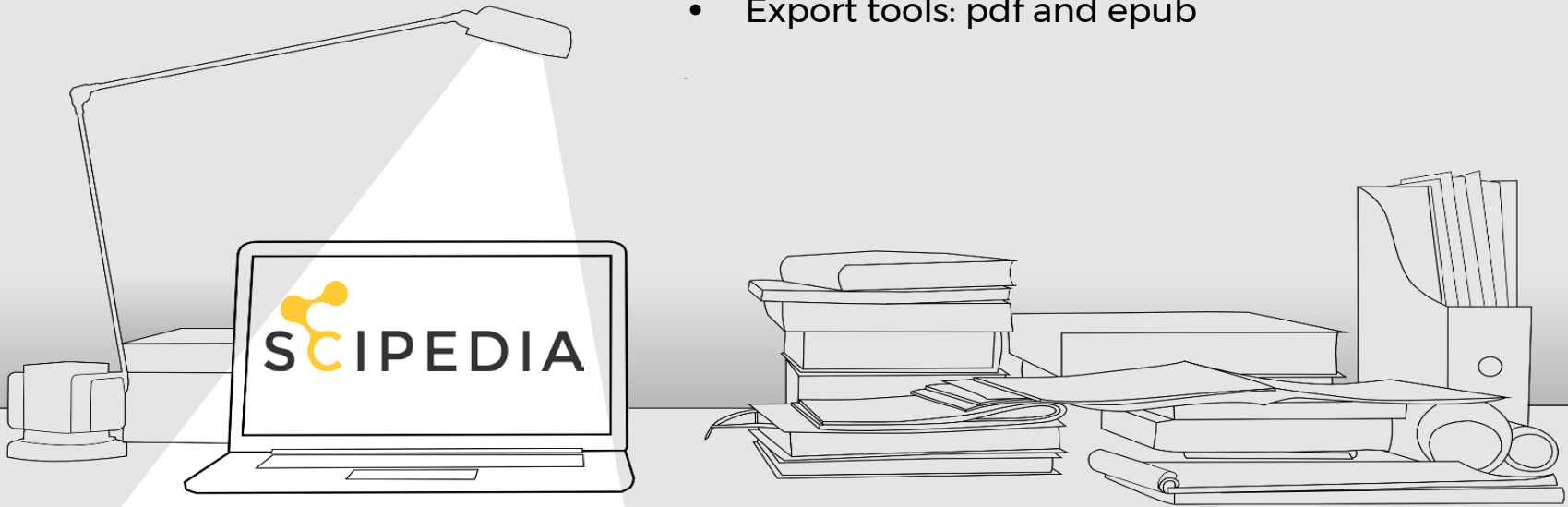


# What can Scipedia offer ... ... to institutions?



# What can Scipedia offer ... ... to journals?

- Customized home page
- Advanced journal (congress) management platform
- Support for blind peer-review and collaborative open peer-review
- Support for enriched web publishing
- Export tools: pdf and epub



# What can Scipedia offer ... ... to journals?

Revista Internacional de Métodos Numéricos para Cálculo y Diseño en Ingeniería (RIMNI) contribuye a la investigación teórica y aplicaciones prácticas de los métodos numéricos, y análisis para el ingeniero y el científico, como en aspectos de producción y procesos ... show more

|                  |      |
|------------------|------|
| DOCUMENTS        | 87   |
| VIEWS            | 4533 |
| SCORE            | 5    |
| SCORE PERCENTILE | 100  |

DOCUMENT INFORMATION

Published on 01/03/17  
Accepted on 08/09/15  
Submitted on 27/05/15

Volume 33, Issue 1, 2017  
DOI: 10.1016/j.rimni.2015.09.003.  
Licence: Other

DOCUMENT SCORE

0 ★★★★★  
Views 81  
Recommendations 0

SHARE THIS DOCUMENT

KEYWORDS

Stabilization formulation • Irreducible formulation • Explicit formulation

READ EDIT

Customized page

- URL
- Title, banner, about
- Journal / authors info
- ...

Search tools

Indexing support

(metadata)

Statistics (altmetrics)

Specialized editorial

support

• Supports enriched web

publishing

• Export tools: pdf and

epub

• Social network tools

- Share document

- Discussion page

- Recommendations

# What can Scipedia offer ... ... to journals?

The image displays two overlapping browser windows from Scipedia. The top window shows the journal's public page for RIMNI (Revista Internacional de Métodos Numéricos para Cálculo y Diseño en Ingeniería). The bottom window shows the 'Publication Management Panel' for the same journal, which is an administrative interface for editors.

**Advanced journal (and congress) management platform**

- Allows editors to handle all aspects of publication.
- Simple, rapid, scalable and intuitive management procedures
- Offers advanced support for blind peer-review and collaborative open peer-review (interactive).
- Allows reducing to the minimum the editorial effort, thanks to our self-publishing and automation services.

**EDITOR'S FINAL DECISION**  
Make the final decision to accept or reject the paper:

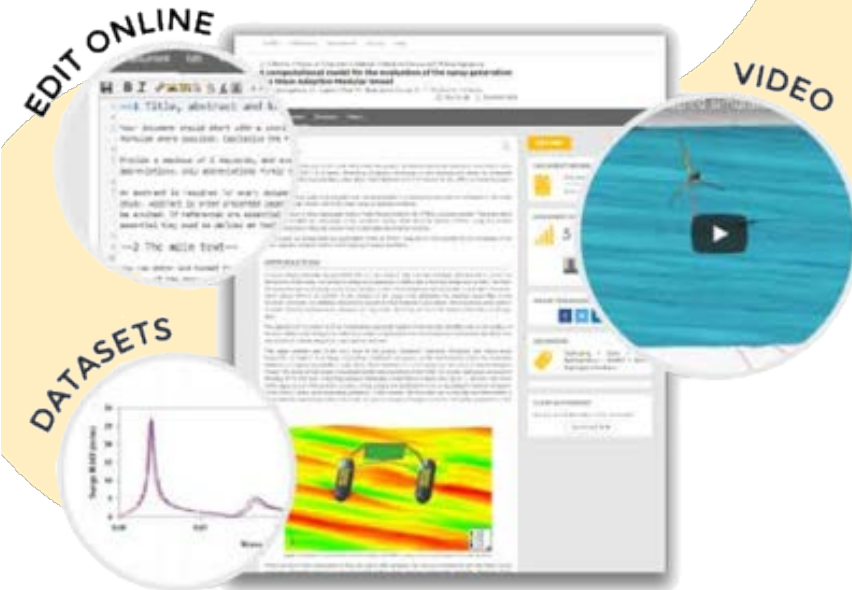
**REVIEWERS' RECOMMENDATIONS**

| Reviewer              | Status          | Recommendation | Score |
|-----------------------|-----------------|----------------|-------|
| Sergio Oller          | Review accepted | Accept         | 4     |
| Jorge Hurtado         | Review accepted | Accept         | 3     |
| Jacinto Tomás Pereira | Review accepted | Pending        |       |

**Publication Management Panel: Revista Internacional de Métodos Numéricos para Cálculo y Diseño en Ingeniería**

| Article  | Status       | Actions       | Changes req. | Reject. by |   |   |   |   |   |
|--|--------------|---------------|--------------|------------|---|---|---|---|---|
| A methodology for the design of dam spillways with wedge shaped...       | Under review | View revision | 0            | 0          |   |   |   |   |   |
| A Rapid Aeroelasticity Optimization Method Based on the Stiffness...     | Under review | View revision | 0            | 0          |   |   |   |   |   |
| Analysis and Design of Concrete Structures using Strut and Tie Mo...     | Under review | View revision | 0            | 0          |   |   |   |   |   |
| Analysis and recommendations about the use of lattice in reinforc...     | Under review | View revision | 0            | 0          |   |   |   |   |   |
| Annual distribution of the Sun's angular positions, study at 21 degr...  | Under review | View revision | 2017-09-06   | 4          | 2 | 2 | 0 | 0 | 1 |
| Aproximación de la ecuación escalar de convección-difusión-reacci...     | Under review | View revision | 2018-06-20   | 2          | 1 | 0 | 0 | 0 | 0 |
| ASSESSMENT OF METHODS OF IDENTIFICATION OF DYNAMIC PRO...                | Under review | View revision | 2018-01-09   | 9          | 2 | 7 | 1 | 0 | 0 |
| Calculation of bi-supported plates' deflection using the Finite Diffe... | Under review | View revision | 2018-05-16   | 2          | 1 | 0 | 0 | 0 | 0 |

# What can Scipedia offer ... ... to journals?



Enriched web scientific publishing

- Upload your manuscript created in LaTeX, Word or Google Docs using Scipedia import tools.
- Use Scipedia's online (collaborative) editor to improve its content and to insert supplementary material such as video, datasets, models and more.



LATEX



Google Docs

# What can Scipedia offer ... ... to journals?

The article is made public immediately after being sent to the open journal

A discussion forum is then open for any registered user to add review comments.

The authors should answer all the comments and if required correct or improve the paper accordingly.

The reviewer can reply or recommend (vote) the paper to be published or rejected.

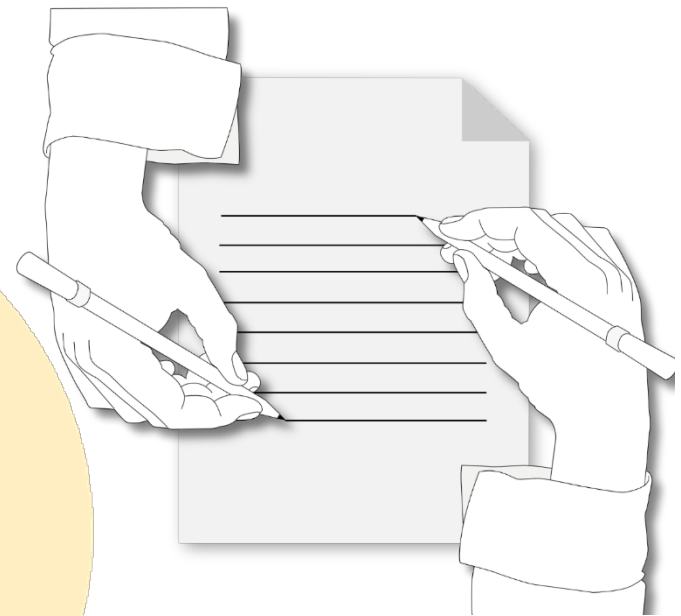
The score of the vote of the reviewer will depend on his reputation, as defined by the review score formula  $rs = \sum \pm w_e \cdot f$ .

Once the accumulated score of the reviewers' votes reaches a threshold, the paper status will change to 'accepted'.

## Open Review / Open Data

In addition to the traditional (blind peer-reviewed) journals ...

- Collaborative open peer-reviewed journals (immediate publication, transparent review, collaboration ...)
- Open data journals (share datasets, models and more)



# What can Scipedia offer ... ... to SciShops



# What can Scipedia offer ... ... to SciShops



Window display (Scipedia's library)

The screenshot shows the Scipedia website interface. At the top, there is a navigation bar with the Scipedia logo and links for Profile, Library, My network, Groups, and Help. A search bar is located in the top right. Below the navigation bar, there are three main sections: CATEGORIES, PUBLICATIONS, and DOCUMENTS. The CATEGORIES section on the left lists various scientific fields such as Agricultural and Biological, Arts and Humanities, Biochemistry, Genetics and..., Business, Management and..., Chemistry, Computer Science, Decision Sciences, Earth and Planetary Sciences, Economics, Econometrics and..., Energy, Engineering, Environmental Science, Health Professions, Immunology and Microbiology, Materials Science, Mathematics, Medicine, Multidisciplinary, Neuroscience, Nursing, Pharmacology, Toxicology and..., Physics and Astronomy, Psychology, Social Sciences, and Veterinary. The PUBLICATIONS and DOCUMENTS sections display a grid of document cards. Each card includes a view count (e.g., 190, 95, 254, 272, 327, 270, 380, 294, 384), a title, a brief description, the author(s), and a 'VIEW' or 'READ NOW' button. The interface is highlighted with yellow and purple boxes, and a purple line connects the 'SCISHOP' and 'SCIPEDIA' labels at the bottom.

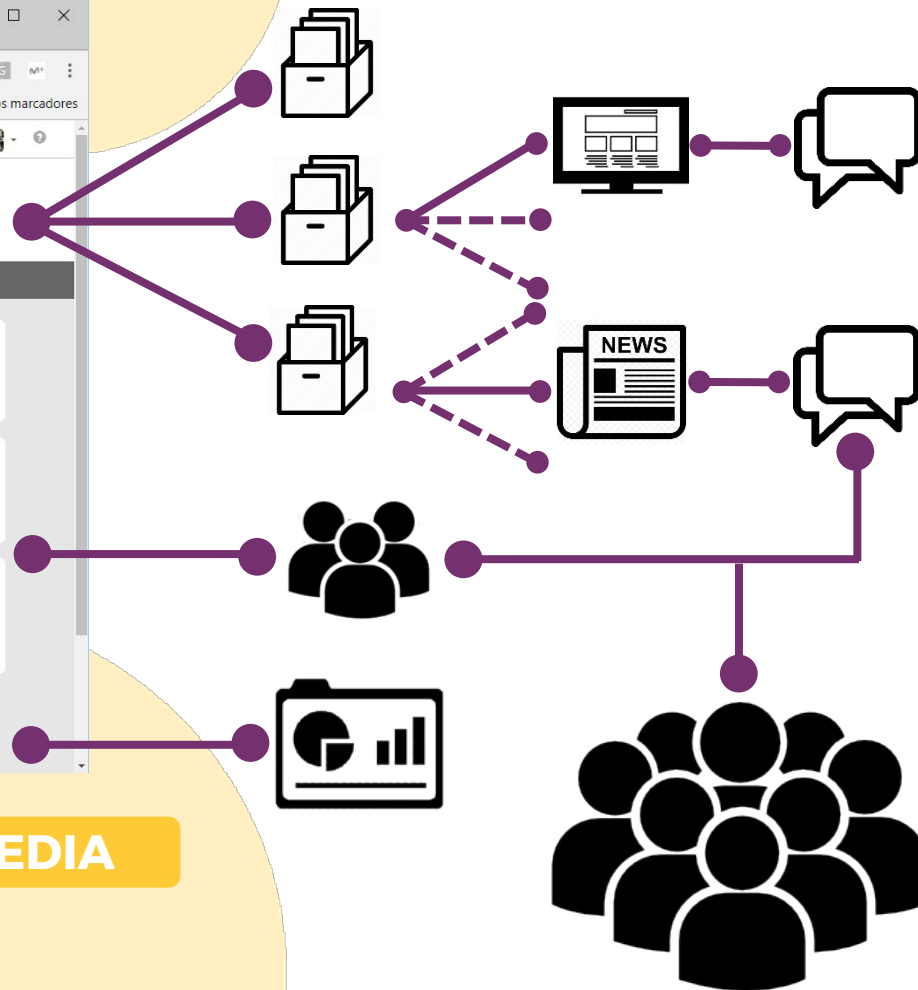
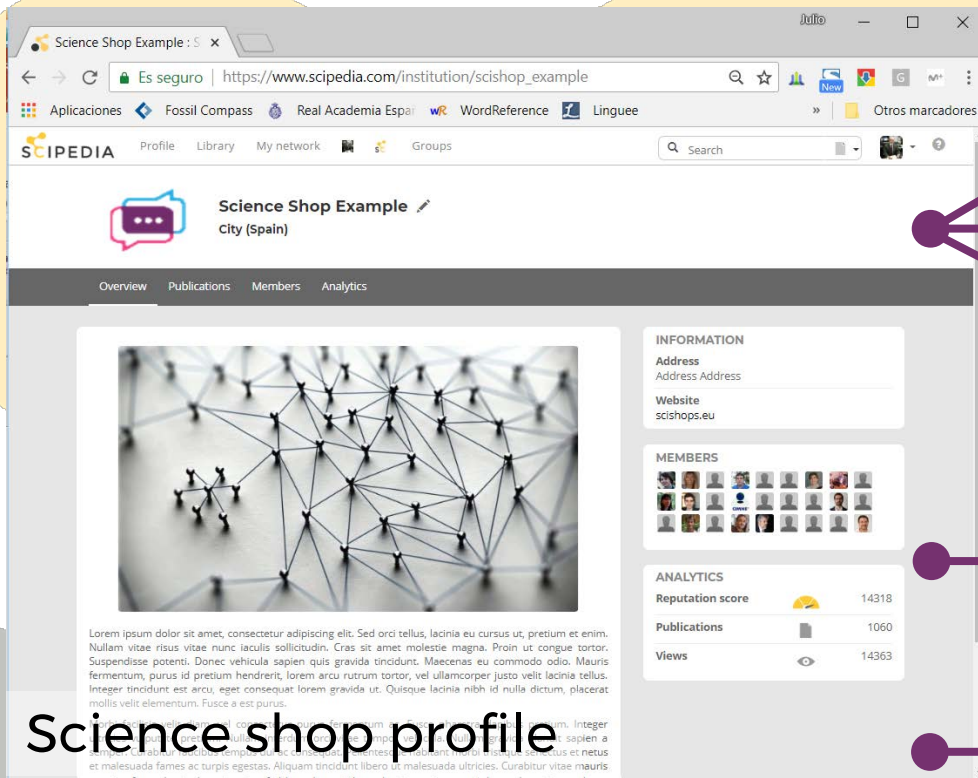
thematic collection  
linked to Science shops

**SCISHOP**

**SCIPEDIA**



# What can Scipedia offer ... ... to SciShops



SCISHOP

SCIPEDIA

science shop linked to  
thematic collection

The logo consists of three yellow circles of varying sizes connected by thin lines, forming a stylized 'S' or 'C' shape.

# SCIPEDIA

is run by its community

Our goal is to ensure the community has a strong voice about the future of Scipedia. We will be glad to hear your comments, suggestions or feature requests at:

**[communityvoice@scipedia.com](mailto:communityvoice@scipedia.com)**

For any other question, you can contact us at:

**[info@scipedia.com](mailto:info@scipedia.com)**

