

PERsonalisation TAGging interface INformation in Services (PERTAINS)

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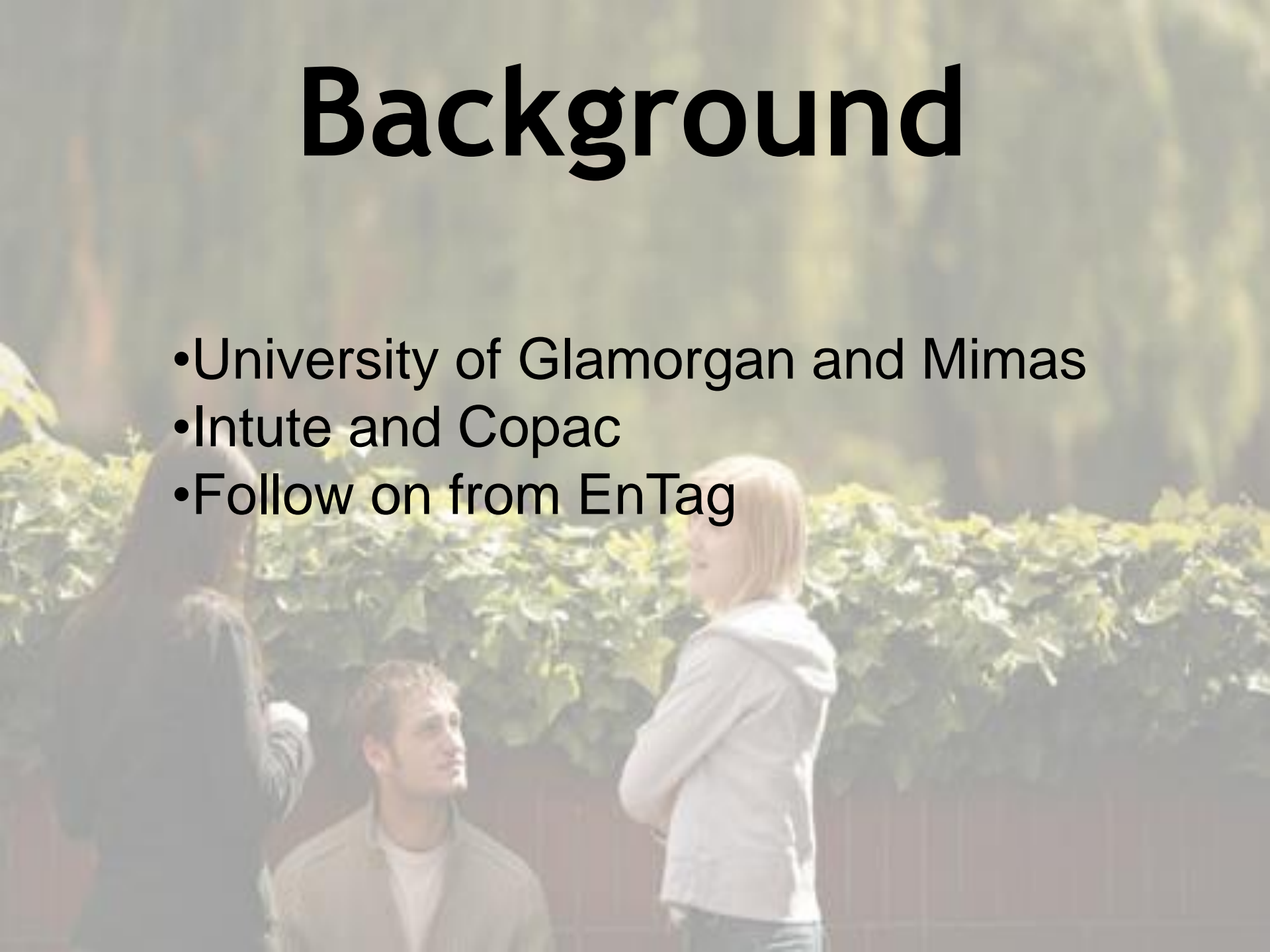
www.intute.ac.uk

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Background

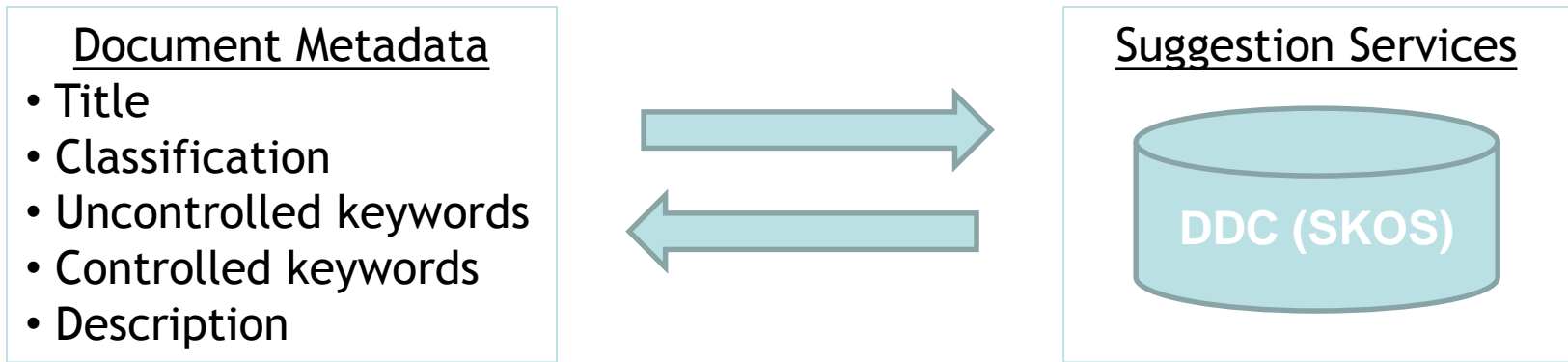
- University of Glamorgan and Mimas
- Intute and Copac
- Follow on from EnTag



PERTAINS - Tag Suggestion Services

- Rationale
 - Draws on previous work (EnTag project)
 - Improving quality of user tag metadata
- Basis for suggestions
 - Using existing document metadata
 - Titles and abstracts
 - Classification terms and existing keywords (user tags)
 - Suggestions from controlled vocabulary
 - Matching against DDC captions and relative index terms

PERTAINS - Tag Suggestion Services



- Aim - improve quality of tag metadata
- Basis - existing document metadata / DDC (SKOS)
- Algorithm - matching, weighting, filtering, ranking
- Implementation - URL based web service interface

PERTAINS - Tag Suggestion Services

- Algorithm
 - Disambiguation of suggestions
 - Area of Interest (AOI) filter – restrict suggestions to specific subject areas (DDC summaries)
 - Weighting of suggestions - ranking by relevance
- Implementation
 - Boolean full text matching (MySQL)
 - URL based web service call interface
 - Fast, scalable, platform neutral
 - JSON data structures returned

What does it do?



Search terms: "[rocket propulsion systems](#)"  ; sorted by: Title, date


Sort by:

Displaying records 1 to 25 of 142.

First Previous [Next](#) [Last](#) Page:

No.	Brief record
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1	 10th Anniversary Symposium on Space Nuclear Power and Propulsion / editors, Mohamed S. El-Genk, Mark D. Hoover ; Institute for Space Nuclear Power Studies, Chemical and Nuclear Engineering Department, the University of New Mexico ; co-sponsored by National Aeronautics and Space Administration ... [et al.] ; in cooperation with American Institute of Aeronautics and Astronautics ... [et al.] ; industry affiliates, Babcock & Wilcox Company ... [et al.]. c1993.
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2	 27,000 seconds in Hell [article] : during the development of the space shuttle main engine, turbines broke, bearings melted, engines exploded, entire test stands went up in flames. Somehow Rocketdyne tamed the beast for not just one flight, but 55 / by T.A. Heppenheimer. 1998.
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3	 Advanced propulsion systems and technologies, today to 2020 / edited by Caludio Bruno, Antonio G. Accettura. c2008.
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[New Search](#)

[Search History](#)

- [rocket propulsion systems](#)
15:13.
- [planet formation](#) : 591 hits.
30/04/2009 11:35.
- [rocket](#) : 5431 hits. 30/03/2009
15:10.

[My References](#)

- 10th Anniversary Symposium on Space Nucl...
- Debris disks and the formation of planets : a symp... 30/04/2009
11:36.
- Modelling and performance prediction in rockets an...
30/04/2009 11:29.
- Air and space / R.H.C. Fice and Iris Simkiss. -- L... 30/03/2009
15:12.
- Advances in rocket performance life and disposal =... 30/03/2009
15:12.
- Propellants, explosives, rockets and guns : procee... 30/03/2009
15:12.

My References

First Previous Next Last

- 10th Anniversary Symposium on Space Nuclear Power and Propulsion / editors, Mohamed S. El-Genk, Mark D. Hoover ; Institute for Space Nuclear Power Studies, Chemical and Nuclear Engineering Department, the University of New Mexico ; co-sponsored by National Aeronautics and Space Administration ... [et al.] ; in cooperation with American Institute of Aeronautics and Astronautics ... [et al.] ; industry affiliates, Babcock & Wilcox Company ... [et al.]. -- New York : American Institute of Physics, c1993 -- ISBN: 156396130X (casebound,pt. 1) -- 1563961350 (casebound,pt. 2) -- 1563961369 (casebound,pt. 3) -- 1563961377 (casebound,set) [\[Edit\]](#)

[\[Add note\]](#)

Space vehicles

Add tags

Get tag suggestions

propulsion rocket systems

- Debris disks and the formation of planets : a symposium in memory of Fred Gillett : proceedings of a meeting held in University Park Marriott, Tucson, Arizona, USA, hosted by National Optical Astronomy Observatories (NOAO), 11-13 April 2002 / edited by Larry Caroff ... [et al.]. -- San Francisco, Calif. : Astronomical Society of the Pacific, c2004 -- ISBN: 1583811869 [\[Edit\]](#)

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Add tags

Get tag suggestions

formation planet

- Modelling and performance prediction in rockets and guns. -- Allied, 1998 -- ISBN: 8170238838 [\[Edit\]](#)

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Add tags

Get tag suggestions

rocket rocket gun

- Air and space / R.H.C. Fice and Iris Simkiss. -- London : Macmillan Education, 1977 -- ISBN: 0333179625 [\[Edit\]](#)

[\[Add note\]](#)

Add tags

Get tag suggestions

rocket rocket gun

- Advances in rocket performance life and disposal = : Les avancées en performances, en durée de vie et en mise au rebut des fusées. -- NATO Research and Technology Organization, 2003 [\[Edit\]](#)

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Add tags

Get tag suggestions

rocket

- Propellants, explosives, rockets and guns : proceedings of the second international high energy materials conference and exhibit. -- Allied Publishers, 1998 -- ISBN: 8170238854 [\[Edit\]](#)

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Add tags

Get tag suggestions

rocket

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Tag cloud

[formation planet](#)

[propulsion rocket rocket](#)

[gun systems](#)

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artificial satellites - propulsion systems near-space exploration - unmanned nuclear power plants nuclear power systems nuclear power systems - auxiliary systems - spacecraft nuclear propulsion nuclear propulsion - aircraft nuclear propulsion - automotive nuclear propulsion - spacecraft nuclear propulsion - unmanned spacecraft outer space - exploration power plants (engines) - aircraft propulsion propulsion systems propulsion systems - spacecraft propulsion systems - unmanned spacecraft rocket space exploration - unmanned space vehicles - atmospheric entry - venus (planet) space vehicles - docking space vehicles - docking - remote control space vehicles - landing - venus (planet) space vehicles - nuclear power plants space vehicles - nuclear power plants space vehicles - propulsion systems space vehicles - thermodynamics systems

- Debris disks and the formation of planets : a symposium in memory of Fred Gillett : proceedings of a meeting held in University Park Marriott, Tucson, Arizona, USA, hosted by National Optical Astronomy Observatories (NOAO), 11-13 April 2002 / edited by Larry Caroff ... [et al.]. -- San Francisco, Calif. : Astronomical Society of the Pacific, c2004 -- ISBN: 1583811869 [\[Edit\]](#)

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formation planet

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[propulsion rocket](#) [rocket](#)

[gun systems](#)

Next steps

