

The recent improvements on circulation of research results at the Japan Atomic Energy Agency

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Japan Atomic Energy Agency (JAEA)

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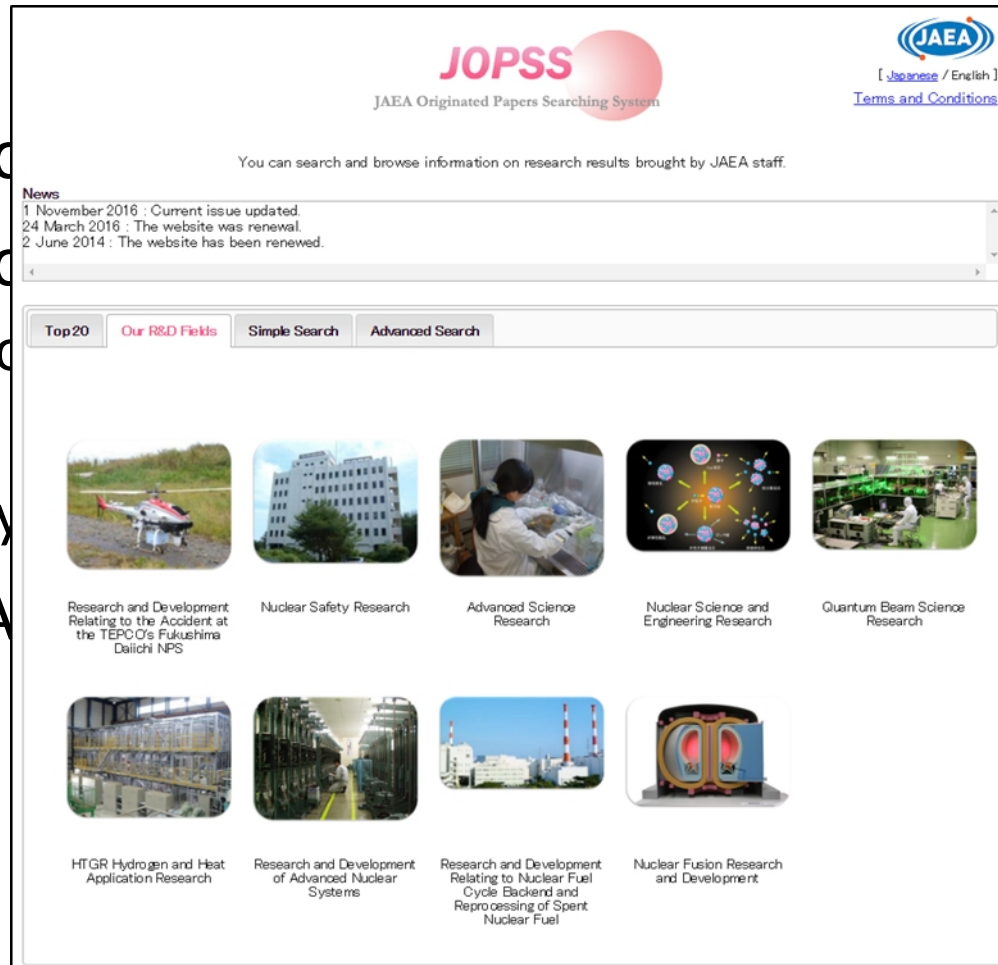
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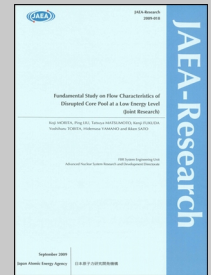
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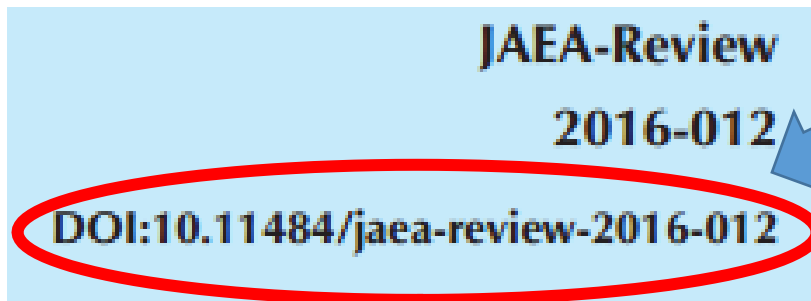
Our effort to solve problems

- JAEA has disseminate information of research results over decade
- Main problems need to be solved
 - [1] to ensure accessibility of the JAEA Reports
 - [2] to consider how our target users find our contents
 - [3] to improve the user interface of our contents



[1] To ensure accessibility

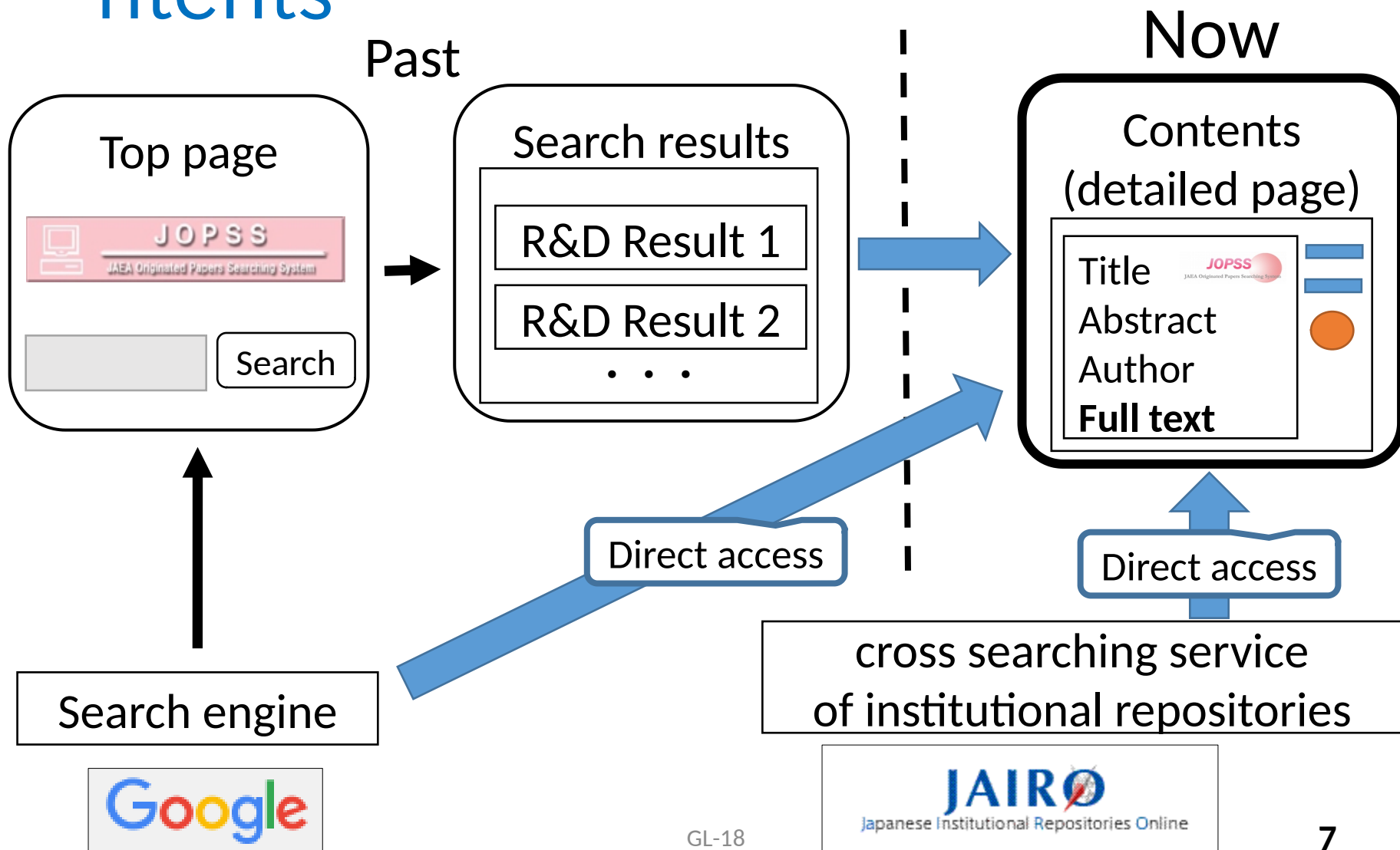
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- DOI is used as a reference URL
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[2] To consider how users find contents



[3] To improve the user interface (1)

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Emission characteristics of copper plasma in laser-induced breakdown spectroscopy (Contract research)

[Wakaida, Yoichiro; Wakaida, Ikuo](#)

Plasma emission characteristics of copper were studied by using Laser-Induced Breakdown Spectroscopy (LIBS). The intensity of plasma emission depended on the species of atmospheric gases, and the strongest plasma emission was obtained in the Ar atmosphere. And it was observed that the intensity reached its maximum at 1-2 microseconds after the ablation and decreased. The spectrum broadening due to observed time and the atmospheric pressure. The plasma temperature was 1-2 microseconds after the

Language	:	English
Report No.	:	JAEA-Technology 2008-051
Pages	:	13 Pages
Publication Year/Month	:	2008/07
Patent information	:	
PDF	:	JAEA-Technology-2008-051.pdf 2.07MB
Paper URL	:	http://dx.doi.org/10.11484/jaea-technology-2008-051

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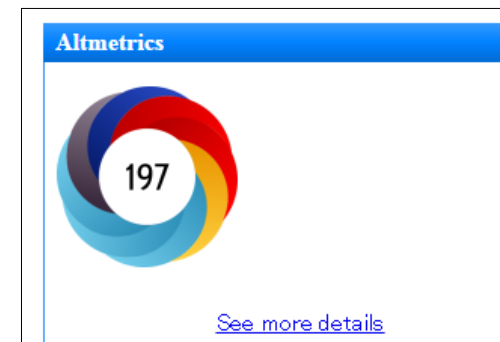
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[3] To improve the user interface (2)

- Embed the Altmetric badges, displaying cited times in the Web of Science etc.

Article metrics



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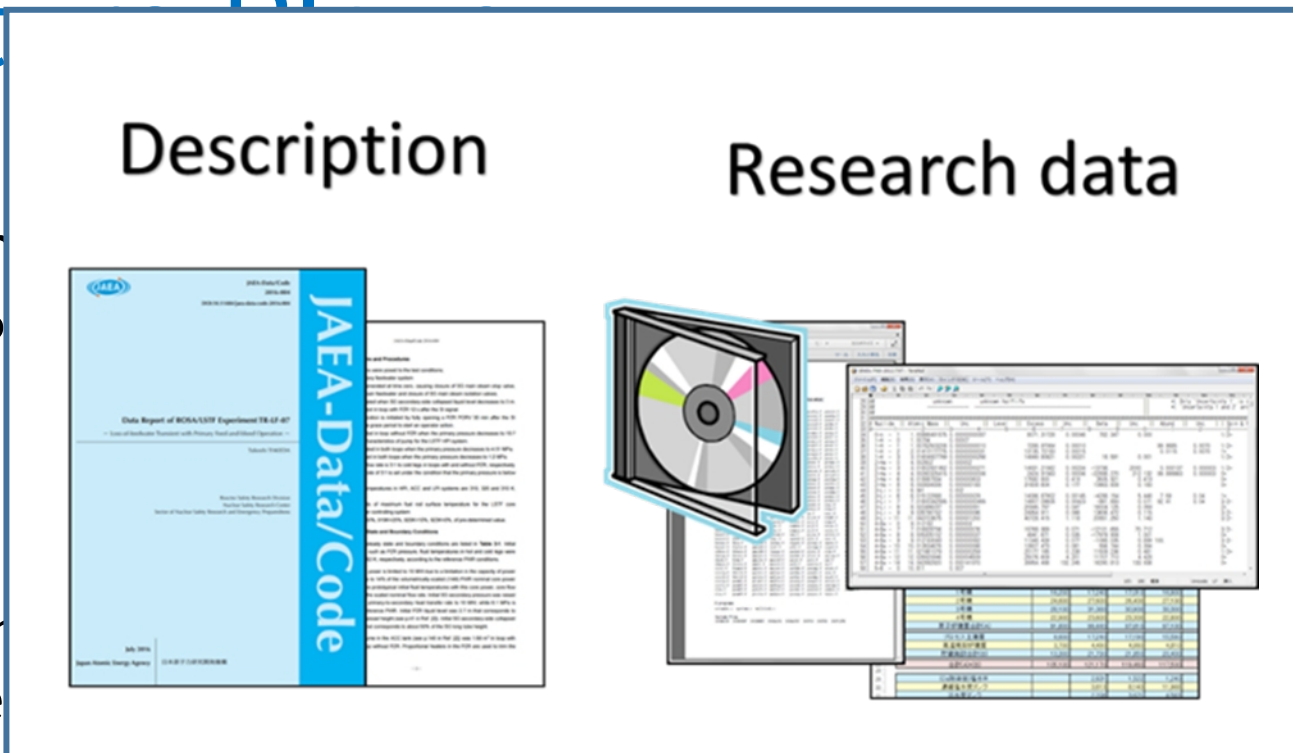
- Promoting

- Promoting

- Increasing

- Enhancing

- Facilitating access to **research data** in “Open Science”



Enrich the contents of JAEA Reports
 => Accelerate the circulation of research results

Conclusion

- Scientific research results on the Internet will be “grey” literature
- To leverage diversity on grey literature for open science



Thank you for your kind attention



Lady Banks' rose in back yard
of the JAEA Library

Using Web-API

