



Digital Infrastructures for Research 2016 (DI4R16)

28-30 September 2016
Krakow, Poland

Serving the User Base

www.digitalinfrastructures.eu

Call for Participation - First Announcement

Call for Participation opens: 1 May 2016
Deadline for submissions: 3 June 2016, midnight CEST

It is my pleasure to invite you to Europe's first **Digital Infrastructure for Research conference** (DI4R 2016), which is to be held in Kraków, on 28-30 September 2016. It will be hosted by Academic Computer Centre CYFRONET and organised jointly by EGI, EUDAT, GÉANT, OpenAIRE and RDA Europe.

There is an ongoing revolution in research and education. The ability to collect, store, access and process ever increasing volumes of data is leading to new insights, innovation and increasing opportunities in all areas of society. This paradigm shift is still in its infancy and all stakeholders are today learning how to collaborate effectively to create the ecosystem that will enable the maximal exploitation of the wealth of data becoming available.

With DI4R 2016, we are inviting all the stakeholders including funding agencies, the research communities and the infrastructure providers, both public and private, to come together and share their insights, concerns, needs and vision for the future.

We are inviting submissions for papers that might address a topical subject and suggest the following broad categories of interest:

Challenges facing users and service providers

Modern research requires novel digital services combining software, tools, data and computing across different institutions and across heterogeneous environments. This track focuses on the emerging needs of research collaborations, the requirements of added value thematic services and the computing needs of data-driven science. The track presents challenges and opportunities for both users and providers.

Example topics:

- *Working with the research community*
- *Working with industry*
- *Working with E-infrastructure platforms*
- *Community engagement*
- *Computing platforms (cloud, HTC, HPC)*
- *Thematic platforms (Science Gateways, Virtual Research Environments, research community tools)*
- *Collaboration and sharing*

Services enabling research

This track focuses on services and frameworks needed to enable researchers to securely collaborate and share resources in a federated environment combining geographically distributed services from multiple providers and further the opportunities of Open Science. Submissions for this track should highlight benefits and challenges as seen by researchers when using existing frameworks or present ideas to address the future challenges.

Example topics:

- *Security*
- *Incident handling*
- *Trust, Identity & AAI & PID*
- *Federated architecture and enabling services*
- *Open Science services*
- *Service portfolio management*
- *eduGain and eduroam*

- *Computer Networking*

A changing environment, changing research

The environment in which research is conducted, and digital infrastructures operate, is changing rapidly. Access and provisioning of services require clear governance, engagement rules, policies and funding models. Submissions should focus on the barriers, opportunities and changes in this environment in order to address the non-technical pressures, for example social, financial, legal and policy that influence the present and future opportunities.

Example topics:

- *Governance and funding*
- *Business models*
- *Policy development and strategy*
- *Open science policies*
- *The law, friend or foe?*
- *Data protection and privacy*
- *Intellectual Property and Copyright*
- *e-Infra policies*
- *Digital Divide*
- *Procurement*

Working with data

This track focuses on the requirements of data-driven science and the solutions for finding, accessing, integrating and reusing research data. Papers that highlight requirements and opportunities for a seamless usage of digital infrastructures for data management, storage and curation as well as for linking and publishing all forms of research objects like data, software, tools, pipelines and publications would be particularly topical.

Example topics:

- *Data Science*
- *Data management and preservation*
- *Data visualisation*
- *Ontologies and knowledge representation*
- *Publishing*
- *FAIR principles (Findable, Accessible, Interoperable, Reusable)*
- *Open science publishing*
- *Open data*

I look forward to connecting with you in Krakow and hearing your views on how 'Serving the User Base' should evolve to best support the research community!

On behalf of the DI4R 2016 Programme Committee,

David Foster (CERN)
DI4R 2016 Programme Committee Chair

Instructions for submission

When making a submission you can choose to submit:

- **full session** proposal (90 minutes)
- **single presentation** proposal (25 minutes)

If you submit a full session proposal, you should include as much detail as possible about the session and its structure (e.g. panel, presentations, moderated discussions, including speaker names if possible).

Please indicate whether your proposal could also be considered as a lightning talk or a poster.

You can also indicate whether you are interested in submitting a full written paper based on your presentation. If a submission is accepted into the conference programme, then the full paper will be considered for publication after the conference.

All submissions should be on subjects relevant to the spirit and objectives of the conference: to present, discuss and learn about the challenges facing users and e-infrastructures, how they work together and their use in the research and education community. The topics described above are an indication of the scope of the conference, but are not meant to be restrictive.

The online platform to submit abstracts will be available at:
www.digitalinfrastructures.eu

All proposals must be submitted in English.

Dates and deadlines

- **6 April 2016** - Call for Proposals announcement
- **1 May 2016** - Submission system opens (CORE)
- **3 June 2016** - Deadline of submissions for:
 - Full sessions (via CORE)
 - Single presentation (via CORE)
 - Training (via email)
 - Demonstrations (via email)
- **20 July** - Deadline of submissions for:
 - Lightning talks (via CORE)
 - Posters (via CORE)
 - Full Papers (via email)

Full sessions and single presentations

Deadline: 3 June 2016

Full session proposals (90 minutes)

Proposals should be about 1200 words (two A4 pages).

Session proposals must include: title, proposer names and their affiliations, five keywords, session format, objectives, target audience, proposed speakers, speakers' biographies.

Single presentation proposals (25 minutes)

Abstracts should be about 1200 words (two A4 pages). These may include future work that is expected to produce results in the first half of 2016. Abstracts should clearly indicate what work has already been done and what still has to take place.

Abstract proposals must include: title, author names and affiliations, five keywords, speaker names (if different from the author) and their affiliations, speaker's biographies.

Training sessions and demonstrations

Deadline: 3 June 2016

Training

At DI4R 2016, spaces are available for training sessions parallel with the official tracks from Tuesday 27 September to Friday 30 September. Training proposals should include: title, proposer names and affiliations, five keywords, meeting format, technical requirements, short introduction, intended audience.

Please send your proposal via email to training@digitalinfrastructures.eu

All training requests will be evaluated by the Programme Committee and all submitters will be notified at the end of June 2016.

Demonstrations

Demonstrations and exhibits will be possible throughout the conference in the exhibition area. Companies or projects wishing to participate should contact demos@digitalinfrastructures.eu

Lightning talks

Deadline: 20 July 2016

Lightning talks (5 minutes) focus on one key point. This can be an idea, successful project, a cautionary story, collaboration invitation, quick tip or demonstration. This is an opportunity for ideas to get the attention they deserve.

Lightning talk proposals must include: title, author name and short biography, five keywords, and a short description of the planned talk. Please indicate on your abstract whether you would be willing to have your proposal considered as a poster if it is not accepted as a lightning talk.

Posters

Deadline: 20 July 2016

(Poster authors are required to be available to discuss their posters during p.m. coffee breaks)

Poster proposals may include future work that is expected to produce results in the second half of 2016. Abstracts should clearly indicate what work has already been done and what still has to take place.

Poster submissions must include: poster title, name(s) and affiliation(s) of any author(s), lead author contact information, presenter name (if different from the submitting author); an abstract (max. 2 pages of A4) describing the content of the poster. A draft poster may also be submitted to support the abstract. Please indicate on your abstract whether you would be willing to have your proposal considered as a lightning talk if it is not accepted as a poster.

Full papers

Authors of abstracts selected to be presented at the conference, and all invited speakers, have the possibility to submit a full paper for review. Around twelve will be selected for online publication as conference proceedings. Please indicate on your abstract whether you are willing to prepare a full paper.

Conference schedule

DI4R16 is a 3-day event, starting on Wednesday 28 September and finishing on Friday 30 September 2016. The full conference registration fee includes attendance on all 3 days.

The formal programme will commence on Wednesday, 28 September at 09:00, with the opening plenary followed by parallel sessions. The closing plenary will be held on Friday 30 September 2016.

The opening reception will be held on Wednesday 28 September at 19:00, and the gala dinner on Thursday 29 September at 19:00.

The Programme Committee

PC Chair:

David Foster CERN

Committee members

Romain Melet	Cap Digital	
Paolo Manghi	CNR	Italy
Steven Newhouse	EBI	United Kingdom
Simon Leinen	SWITCH	Switzerland
Owen Appleton	UZH	Switzerland
Damien Lecarpentier	EUDAT	Finland
Annabel Grant	GÉANT	International
Peter Wittenburg	RDA	Netherlands
Dave Kelsey	STFC	United Kingdom
Licia Florio	GÉANT	International
Gergely Sipos	EGI Foundation	International
Adam Farquar	British Library, THOR	United Kingdom
Diego Scardaci	EGI Foundation	International

Enzo Capone	GÉANT	International
Jeff Muller	EPFL	Switzerland
Serge Droz	SWITCH	Switzerland
Tiziana Ferrari	EGI Foundation	International

Steering Committee

Lukasz Dutka	CYRFONET	Poland
Roberto Sabatino	GÉANT	International
Gyöngyi Horvath	GÉANT	International
Hilary Hanahoe	RDA / EUDAT	International
Sara Coelho	EGI Foundation	International
Tony Ross-Hellauer	OpenAIRE	International