



# D6.06 ExPaNDS representation material for relevant large International Conferences

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## Abstract

In relation to our ExPaNDS representation material for relevant large international conferences, we are looking to hold a number of events in 2022. This report outlines those events.

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## Executive Summary

The Photon and Neutron Research Infrastructures across Europe play an important role in scientific research, helping scientists from a wide variety of different disciplines gain deeper insights into major questions in their respective fields. The wider aim is to help accelerate scientific progress by encouraging data sharing through the European Open Science Cloud (EOSC). Making data more widely available helps spur scientific progress. The more access scientists can get to accurate, well-described data from past experiments, the better they can fine-tune their research. All this lies at the heart of our communication commitment with specific science messages for targeted groups, events, sharing our use cases and highlighting our community engagement.

Still impacted by the pandemic is our strategy on senior level engagement, which we planned to continue at SRI 2022. As it was held virtually, we had to reconsider, and we will focus on individual contacts to directors and other senior management at collaboration member facilities. Similarly, we decided to revoke our planned sponsoring for the “AAAS” as we did not expect a return of investment after the conference organisers decided for this event to go ahead with online participation only.

Whilst the pandemic has continued to impact us at the beginning of 2022, we’re pleased to see travel restrictions easing and some form of normality returning, allowing us to proceed with face-to-face meetings and in person activities. There are already four events scheduled in 2022 where we will be involved and the 2022 EGI Conference which we are applying for.

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## 1. Planned events impacted by the pandemic

### 1.1. Synchrotron Radiation Instrumentation (SRI) conference

Following the grant amendment request (AMD-857641-12) we proposed senior level engagement with Lightsources.org involving synchrotron directors to be held at the **Synchrotron Radiation Instrumentation (SRI)** conference in Spring 2022, where open science for big data was to be broached from the FAIR principles to policy harmonisation and the value of open catalogue. With the pandemic limiting European travel and its restrictions directly impacting on the event, the event was held virtually where the online format was not suitable to satisfy expectations and secure attendance from senior leaders. We are now planning a senior level engagement for later in 2022, which we will outline in more detail in 3.1.

### 1.2. American Association for the Advancement in Science

ExPaNDS also looked to sponsor a focus group workshop around “Big Data and Open Science” at the **American Association for the Advancement in Science (AAAS)**. The AAAS is an American international non-profit organisation with the stated goals of promoting cooperation among scientists, defending scientific freedom, encouraging scientific responsibility and support scientific education and science outreach for the betterment of all humanity<sup>1</sup>. Unfortunately, the annual meeting of 2022 was moved to be fully virtual which meant this would not give us the results and more importantly the interactions we were looking for, let alone generate a beneficial return on investment.

## 2. Future events

### 2.1. EuroScience Open Forum (ESOF 2022<sup>2</sup>)

Despite still being impacted by the pandemic, we are pleased to confirm that in collaboration with PaNOSC we will be hosting an online conference session under the theme “Open Data for healthier societies: a virtuous cycle?” as part of the **EuroScience Open Forum (ESOF 2022<sup>3</sup>)** Programme on Saturday 16<sup>th</sup> July from 08:00 – 09:15 CEST. We have three renowned scientists in the life sciences domain and a representative from the League of European Accelerator-based Photon Sources (LEAPS). With the presence of a moderator each will give a 10-minute talk which will be followed by a Q&A session with the audience. The focus of the panel discussion will engage with the audience on the topic of “open data for healthier societies”<sup>4</sup>. These expert scientists will present three virtuous examples;

- the Protein Data Band (PDB)
- Covid Moonshot Consortium

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<sup>1</sup> Reference Wikipedia page:

[https://en.wikipedia.org/wiki/American\\_Association\\_for\\_the\\_Advancement\\_of\\_Science](https://en.wikipedia.org/wiki/American_Association_for_the_Advancement_of_Science)

<sup>2</sup> ESOF website: <https://www.esof.eu/>

<sup>3</sup> ESOF events page: <https://www.esof.eu/events/open-data-for-healthier-societies-a-virtuous-cycle/>



- the Human Organ Atlas

The speakers will highlight how all these are leading to faster discoveries and breakthroughs in the life sciences domain and beyond.

## 2.2. 12<sup>th</sup> International Conference on Inelastic X-ray Scattering

As part of our ongoing outreach to specific scientific communities ExPaNDS will be sponsoring the upcoming **12<sup>th</sup> International Conference on Inelastic X-ray Scattering (IXS2022<sup>5</sup>)**, which will take place in person from the 21<sup>st</sup> to 26<sup>th</sup> August 2022 at Saïd Business School in the city of Oxford. This conference is targeted at over 3,000 scientists from all over the world interested in the use and development of both Resonant and Non-resonant Inelastic X-ray Scattering to address a broad range of materials science challenges.

Alongside the sponsorship of the event we will be presenting the latest updates from ExPaNDS to the delegates, and also host a media stand where we will be able to network with the visiting scientists showcasing our infographics, use cases and explain to the visiting scientists our grants objectives.

## 2.3. Public Awareness of Research Infrastructures 2022 (PARI'22)

ExPaNDS submitted an abstract for the **Public Awareness of Research Infrastructures 2022 (PARI'22<sup>6</sup>)** conference, which has since been accepted. Our presentation will highlight the main community engagement activities and outputs from ExPaNDS through the collaboration with our European grant members, by showcasing our grant promotional video and the use case videos.

## 2.4. International conference on research infrastructures 2022 (ICRI)

ExPaNDS in collaboration with PaNOSC successfully applied for a co-located event at the “**2022 International conference on research infrastructures (ICRI<sup>7</sup>)**”, taking place in Brno, CZ Republic in October 2022. It will be the 3<sup>rd</sup> instance of our series: “Symposium on Photon and Neutron (PaN) science in Europe”. Being co-located with ICRI gives us the unique opportunity to reach out to non-PaN infrastructures and communities. Besides our involvement in RDA, presenting ourselves at ICRI and the EGI conferences, this is an effective mechanism to reach out to other communities to promote our ideas on common data policies. This is particularly important for Research Infrastructures (RIs) supporting more than one scientific community.

## 2.5. EGI Conference 2022

Together with PaNOSC, we are applying for a presentation at the EGI Conference 2022, taking place from 20<sup>th</sup> to 22<sup>nd</sup> September 2022 in Prague.

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<sup>5</sup> IXS2022 website: <https://www.diamond.ac.uk/Conference/IXS2022>

<sup>6</sup> PARI 2022 website: <https://skao.eventsair.com/pari2022/>

<sup>7</sup> ICRI 2022 website: <https://www.icri2022.cz/>



### 3. Further outreach

#### 3.1. Senior level engagement

One of the main dissemination building blocks, during the second half of our project, is the engagement of senior management at the PaN facilities in our efforts to create common data policy standards. Our initial plan to organise special sessions or interviews during high level events didn't materialise as those events either were online only, or restrictions didn't allow for extra activities like interviews. We therefor changed the strategy and are planning for a series of interviews of high-level management at the facilities themselves. Please refer to deliverable D6.24 for details.

#### 3.2. EU Researcher magazine

We have also commissioned a three-page article about ExPaNDS with the **EU Researcher magazine**<sup>8</sup>, which is a world leading open access publication for scientific research and dissemination. This article is due to be published later in 2022.

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<sup>8</sup> EU Researcher website: <http://www.euresearcher.com/3/magazines>

