# IM9.1 – Report on Y1 and Y2 outreach activities

January 2021

The tools deployed to increase the outreach to PaNOSC stakeholders include:

* Project’s website
* Social media channels: Twitter: @panosc\_eu / YouTube: PANOSC EOSC: <https://www.youtube.com/channel/UC7ULx4C4OCbKlpAp0Xtd4wQ>)
* Video interviews to PaNOSC/EOSC stakeholders: <https://www.panosc.eu/video/>
* PaNOSC events and other targeted events (both onsite and online)
* Publication of news and updates about project’s activities and main achievements
* Publications

This report showcases the events organized and attended by PaNOSC, and highlights the main dissemination material and actions taken to address the project’s stakeholders. Links to news’ items, social media posts and other relevant resources are listed for each action.

**Video production for EOSC/PaNOSC stakeholders**

|  |  |  |  |
| --- | --- | --- | --- |
| **Video** | **PaNOSC representatives** | **Promotional Channels** | **VIEWS** |
| **“Open Science is the new normal”** (initiative of EOSC Secretariat) | * Alessa Gambardella (Rijksmuseum Amsterdam / ESRF user) * Jonathan Taylor (European Spallation Source) * Aljoša Hafner (CERIC-ERIC) | * Released at the Research & Innovation Days (Brussels, Sept. 2019) * EOSC Secretariat Youtube Channel * PaNOSC website + Twitter | <https://www.youtube.com/watch?v=3HgnIe1Xu8I&t=2s> >655 views |
| **Interview with Aljoša Hafner on the possible use and benefits of the EOSC for the PaN community** | Aljoša Hafner (CERIC-ERIC) | PaNOSC website: <https://www.panosc.eu/news/interview-with-panosc-computational-physicist-aljosa-hafner-on-the-use-and-benefits-of-the-eosc/>  CERIC website: <https://www.ceric-eric.eu/2019/10/08/interview-with-panosc-computational-physicist-aljosa-hafner-on-the-use-and-benefits-of-the-eosc/>  Youtube: <https://www.youtube.com/watch?v=hQfmeMbvRjs>  Twitter: <https://twitter.com/Panosc_eu/status/1181505137623351296>  CERIC’s Linkedin account + CORDIS | 113 |
| **Interview with Dr. Alessa Gambardella on the advantaged the EOSC could bring to researchers in the field of cultural heritage** | Alessa Gambardella (Rijksmuseum Amsterdam / ESRF user) | PaNOSC website: <https://www.panosc.eu/news/video-interview-with-dr-alessa-gambardella-on-the-advantages-of-the-eosc-for-cultural-heritage-science/>  Youtube: <https://www.youtube.com/watch?v=1jd_qDorJL4>  Twitter: <https://twitter.com/Panosc_eu/status/1196432525444472833>  <https://twitter.com/Panosc_eu/status/1257968447620775936>  CORDIS: <https://cordis.europa.eu/article/id/411602-video-interview-with-dr-alessa-gambardella-on-the-advantages-the-eosc-could-bring-to-research> | 174 |
| **Video of the 1st PaNOSC annual meeting** | All speakers in PaNOSC event (management + WP leaders + invited speakers) | Website: <https://www.panosc.eu/news/another-milestone-reached-with-the-1st-panosc-annual-meeting/>  YouTube: <https://www.youtube.com/watch?v=Qtv0ZALcxl0>  Twitter: <https://twitter.com/Panosc_eu/status/1197830931337351168>  CORDIS: <https://cordis.europa.eu/article/id/411601-another-milestone-reached-with-the-1st-panosc-annual-meeting/pl> | 114 |
| **Interview with Andy Götz about PaNOSC and the EOSC** | Andy Götz (ESRF) | Website: <https://www.panosc.eu/news/interview-with-panosc-coordinator-andy-gotz-on-panosc-contribution-to-the-eosc/>  Youtube: <https://www.youtube.com/watch?v=Vn0Gb6nHRyw>  Twitter: <https://twitter.com/Panosc_eu/status/1205127812786663425>  <https://twitter.com/Panosc_eu/status/1205127822571954176> <https://twitter.com/Panosc_eu/status/1243559430186250249> | 107 |
| **Interview with Matthew Bowler on structural biology and the EOSC** | Matthew Bowler (EMBL) | Website: <https://www.panosc.eu/news/video-interview-with-matthew-bowler-on-structural-biology-and-the-eosc/>  Youtube: <https://youtu.be/IYVXoBzeXNo>  Twitter: <https://twitter.com/Panosc_eu/status/1217767807741497344> | 72 |
| **Integrating UmbrellaID with eduTEAMS for seamless access to data services** | Jean-François Perrin (ILL), Christos Kanellopoulos (GÉANT), Mirjam van Daalen (PSI), Björn Erik Abt (PSI) | Website: <https://www.panosc.eu/news/video-interview-integrating-umbrellaid-with-eduteams-for-seamless-access-to-data-services/>  Youtube: <https://youtu.be/B_apP--BfQM>  Twitter: <https://twitter.com/Panosc_eu/status/1219655797455695874> | 121 |
| **ExPaNDS’ video series (3 videos)** | Animation videos | Website: <https://www.panosc.eu/news/watch-the-expands-video-series-on-the-benefits-of-fair-open-data/>  Youtube (1): <https://youtu.be/f3HUzTabqus> | Youtube (2): <https://youtu.be/MflGW9Kk0YI> |  Youtube (3): <https://youtu.be/Tuct8u47pHI>  Twitter (1): <https://twitter.com/Panosc_eu/status/1248605560674516993>  Twitter (2): <https://twitter.com/Panosc_eu/status/1260502736124116992>  Twitter (3): <https://twitter.com/Panosc_eu/status/1285207486925021185> | Video 1:38  Video 2: 40  Video 3: 27 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Video** | **PaNOSC representatives** | **Promotional Channels** | **VIEWS** |
| **“Open Science is the new normal”** (initiative of EOSC Secretariat) | * Alessa Gambardella (Rijksmuseum Amsterdam / ESRF user) * Jonathan Taylor (European Spallation Source) * Aljoša Hafner (CERIC-ERIC) | * Released at the Research & Innovation Days (Brussels, Sept. 2019) * EOSC Secretariat Youtube Channel * PaNOSC website + Twitter | <https://www.youtube.com/watch?v=3HgnIe1Xu8I&t=2s> >655 views |
| **Interview with Jonathan Taylor (European Spallation Source) on EOSC** | Jonathan Taylor (ESS) | Website: <https://www.panosc.eu/news/jonathan-taylor-european-spallation-source-view-on-eosc/>  Youtube: <https://youtu.be/bZ7Q-71PrVo>  Twitter: <https://twitter.com/Panosc_eu/status/1260945035492761600> | 83 |
| **Interview w Hans Fangohr on data analysis services & OSCOVIDA** | Hans Fangohr (European XFEL) | Website: <https://www.panosc.eu/news/panosc-open-science-covid-analysis-platform/>  Youtube: <https://youtu.be/1_oDc_vptBQ>  Twitter: <https://twitter.com/Panosc_eu/status/1265220561174695937>  CORDIS: <https://cordis.europa.eu/article/id/418274-discover-oscovida-the-panosc-open-science-covid-analysis-platform-tracking-data-about-covid19/es> | 249 |
| **PaNOSC and the EOSC** | Andy Götz (ESRF), Alessa Gambardella (ESRF user), Jean-François Perrin (ILL), Christos Kanellopoulos (GÉANT), Hans Fangohr (European XFEL), Aljoša Hafner (CERIC-ERIC), Matthew Bowler (EMBL) | Youtube: <https://youtu.be/3a0HIoth_yM>  Twitter: <https://twitter.com/Panosc_eu/status/1275396562143924226> | 42 |
| **PaNOSC demo - Simulating and analysing serial crystallography data in Jupyter Notebooks** | Juncheng E (EU-XFEL), Hans Fangohr (EU-XFEL), Carsten Formann-Grote (EU-XFEL), Thomas Kluyver (EU-XFEL) | Youtube: <https://youtu.be/g5_DdVzWiQs>  Twitter: <https://twitter.com/Panosc_eu/status/1351468906213421056> | 66 |
| **PaNOSC demo on the e-learning platform www.pan-learning.org** |  | Website: <https://www.panosc.eu/news/discover-pan-learning-org-the-pan-sources-e-learning-platform/>  Youtube: <https://youtu.be/pudgE68jDEY>  Twitter: <https://twitter.com/Panosc_eu/status/1272564413007101953> | 36 |
| **PaNOSC presentation & demo - Towards Reproducible Publications with FAIR data** | Robert Rosca (EU-XFEL) | Youtube: <https://youtu.be/vStbMUDI_jU> | 69 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Video** | **PaNOSC representatives** | **Promotional Channels** | **VIEWS** |
| **“Open Science is the new normal”** (initiative of EOSC Secretariat) | * Alessa Gambardella (Rijksmuseum Amsterdam / ESRF user) * Jonathan Taylor (European Spallation Source) * Aljoša Hafner (CERIC-ERIC) | * Released at the Research & Innovation Days (Brussels, Sept. 2019) * EOSC Secretariat Youtube Channel * PaNOSC website + Twitter | <https://www.youtube.com/watch?v=3HgnIe1Xu8I&t=2s> >655 views |
| **The DOI for data** | Animation video | Website: <https://www.panosc.eu/data/the-doi-for-data/>  Youtube: <https://youtu.be/ekn0qicVFJM>  Twitter: <https://twitter.com/Panosc_eu/status/1298592364253061122> | 481 |
| **Photon and Neutron (PaN) EOSC Symposium - RECORDINGS** |  | Website: <https://www.panosc.eu/news/panosc-expands-pan-eosc-symposium-and-annual-meeting-an-overview/>  Youtube: <https://youtu.be/AXMhurOSeiY>  Twitter: <https://twitter.com/Panosc_eu/status/1331160985923694592> | 112 |
| **Interview w CERIC user, Elisa Bergami, on the benefits of Open Science for Environmental Sciences** | Elisa Bergami (University of Siena / CERIC user) | Website: <https://www.panosc.eu/news/interview-with-pan-user-dr-elisa-bergami-on-the-benefits-of-open-science-for-the-environmental-sciences/>  Youtube: <https://youtu.be/HTVmX1qfbS8>  Twitter: <https://twitter.com/Panosc_eu/status/1339175843113865217>  CORDIS: <https://cordis.europa.eu/article/id/428717-interview-with-ceric-user-dr-elisa-bergami-on-the-benefits-of-open-science-for-the-environmen> | 37 |
| **Interview with Mads Bertelsen on performing McStas simulations with McStasScript (+ DEMO)** | Mads Bertelsen (ESS) | Website: <https://www.panosc.eu/news/interview-with-mads-bertelsen-on-performing-mcstas-simulations-with-mcstasscript/>  Youtube: <https://youtu.be/2o-9MySCdWs>  Twitter: <https://twitter.com/Panosc_eu/status/1346038599519772673>  CORDIS: <https://cordis.europa.eu/article/id/428771-interview-with-mads-bertelsen-on-performing-mcstas-simulations-with-mcstasscript-with-demo/it> | 40 |

|  |  |  |  |
| --- | --- | --- | --- |
| **PaNOSC EVENTS** | | | |
| **EVENT’S NAME** | **DATE / LOCATION** | **NEWS / SOCIAL MEDIA POSTS** | **OTHER DOCS** |
| **PaNOSC kick-off meeting** | 15-16 January 2019 Grenoble – France | PaNOSC Website: <https://www.panosc.eu/news/h2020-project-panosc-officially-started-to-contribute-making-fair-data-a-reality/>  Indico: <https://indico.esrf.fr/indico/event/19/>  CERIC website: <https://www.ceric-eric.eu/2018/12/17/h2020-project-panosc-officially-started-to-contribute-making-fair-data-a-reality/>  ESRF Website: <http://www.esrf.eu/home/news/general/content-news/general/h2020-project-panosc-officially-started.html>  ELI Website: <https://eli-laser.eu/news/h2020-project-panosc-officially-started-to-contribute-making-fair-data-a-reality/>  EGI Website: <https://www.egi.eu/news/h2020-project-panosc-officially-started-to-contribute-making-fair-data-a-reality/>  ESS Website: <https://europeanspallationsource.se/article/2018/12/21/PaNOSC-project>  Lightsources Website: <https://lightsources.org/2018/12/19/h2020-project-panosc-officially-started/>  LEAPS Website: <https://www.leaps-initiative.eu/news/h2020_project_panosc/>  EIRO Forum Website: <https://www.eiroforum.org/feed-items/h2020-project-panosc-officially-started/>  WBC-RTI.info Website: <https://wbc-rti.info/object/news/19675>  Danube-inco.net website: <https://danube-inco.net/object/news/19231>  SNI Portal: <https://www.sni-portal.de/en/news/photon-and-neutron-open-science-cloud>  Twitter:  <https://twitter.com/Panosc_eu/status/1075017319288586242>  <https://twitter.com/Panosc_eu/status/1082565529825697792>  <https://twitter.com/Panosc_eu/status/1085117012295200771>  RT: <https://twitter.com/esrfsynchrotron/status/1085122108928217088>  RT: <https://twitter.com/esrfsynchrotron/status/1085213929524129793>  <https://twitter.com/Panosc_eu/status/1085167235776290817>  CORDIS: <https://cordis.europa.eu/news/rcn/130504/en> | All presentations are available for download on the event’s website on Indico: <https://indico.esrf.fr/indico/event/19/timetable/#20190115> |
| **1st PaNOSC OASYS School** | 14-16 May 2019  Grenoble – France | PaNOSC Website: <https://www.panosc.eu/news/the-esrf-welcomed-the-1st-oasys-school/>  CERIC website: <https://www.ceric-eric.eu/2019/05/17/available-online-the-training-material-from-the-1st-panosc-oasys-school/>  Twitter:  <https://twitter.com/Panosc_eu/status/1111291503844958209>  <https://twitter.com/Panosc_eu/status/1130880531116240896>  CORDIS: <https://cordis.europa.eu/article/id/125660-the-esrf-welcomed-the-1st-oasys-school> | Training material: <https://github.com/oasys-kit/oasys_school> |

|  |  |  |  |
| --- | --- | --- | --- |
| **PaNOSC EVENTS** | | | |
| **EVENT’S NAME** | **DATE / LOCATION** | **NEWS / SOCIAL MEDIA POSTS** | **OTHER DOCS** |
| **WP3 kick-off meeting** | 23 May 2019  Copenhagen – Denmark | Website: <https://www.panosc.eu/news/panosc-wp3-kicked-off-at-the-european-spallation-source/>  CORDIS: <https://cordis.europa.eu/article/id/125657-panosc-wp3-kicked-off-at-the-european-spallation-source>  Twitter:  <https://twitter.com/tostri/status/1131530754549325825>  <https://twitter.com/Panosc_eu/status/1156505623720341506> | Meeting’s minutes: <https://github.com/panosc-eu/panosc/blob/master/Work%20Packages/WP3%20Data%20catalogue%20services/Minutes/20190523PaNOSCWP3Kick-OffMeeting.md>  Presentation by Tobias Richter on WP3 Metadata Catalogues: <https://www.panosc.eu/wp-content/uploads/2019/07/PaNOSC_wp3.pdf> |
| **WP4 kick-off meeting** | 25-26 June 2019  Schenefeld – Germany | Website: <https://www.panosc.eu/news/kick-off-meeting-of-panosc-wp4-hosted-at-euxfel/>  CORDIS: <https://cordis.europa.eu/article/id/406920-kick-off-meeting-of-panosc-wp4-hosted-at-euxfel>  Twitter:  <https://twitter.com/Panosc_eu/status/1168546588215709705>  RT: <https://twitter.com/ProfCompMod/status/1168512923016318977> |  |
| **HDF5 European Workshop for Science and Industry** | 17-18 September 2019  ESRF, Grenoble – France | Website: <https://www.panosc.eu/events/register-now-to-the-hdf5-european-workshop-for-science-and-industry/>  CORDIS: <https://cordis.europa.eu/event/id/147341-register-now-to-the-hdf5-european-workshop-for-science-and-industry>  Twitter:  <https://twitter.com/Panosc_eu/status/1151168803801391104> |  |
| **WP3 face-2-face meeting** | 18-19 September 2019  ILL, Grenoble – France | Website: <https://www.panosc.eu/events/panosc-wp3-workshop-at-ill/>  Event’s page on Indico: <https://workshops.ill.fr/event/218/>  CORDIS: <https://cordis.europa.eu/event/id/147445-panosc-wp3-workshop-at-ill>  Twitter:  <https://twitter.com/Panosc_eu/status/1174249255231479810> | All presentations: <https://workshops.ill.fr/event/218/contributions/> |
| **h5py code camp** | 19-20 September 2019  ESRF, Grenoble – France | RT Twitter:  <https://twitter.com/andy_gotz/status/1174683451162800129> |  |
| **Jupyter workshop @ICALEPCS2019** | 5 October 2019 New York – USA | Website: <https://www.panosc.eu/news/panosc-jupyter-workshop-at-icalepcs-2019/> | <https://www.panosc.eu/news/first-panosc-publication-released-at-icalepcs19/>  RT Twitter: <https://twitter.com/ProfCompMod/status/1180132990057406470>  RT Twitter: <https://twitter.com/tostri/status/1181603087141736449>  Twitter: <https://twitter.com/Panosc_eu/status/1181118621906558976>  Twitter: <https://twitter.com/Panosc_eu/status/1182205130592178176>  Twitter: <https://twitter.com/Panosc_eu/status/1182242271191867392>  CORDIS: <https://cordis.europa.eu/article/id/410194-material-from-the-panosc-jupyter-workshop-at-icalepcs-2019-now-online> | Programme and presentations: <https://indico.desy.de/event/23354/> |

|  |  |  |  |
| --- | --- | --- | --- |
| **PaNOSC EVENTS** | | | |
| **EVENT’S NAME** | **DATE / LOCATION** | **NEWS / SOCIAL MEDIA POSTS** | **OTHER DOCS** |
| **PaNOSC 1st Annual Meeting** | 4-5 November 2019  Trieste, Italy | Website: <https://www.panosc.eu/events/1st-panosc-annual-meeting/>  Twitter: <https://twitter.com/Panosc_eu/status/1181141700682620929>  Twitter: <https://twitter.com/Panosc_eu/status/1189473203133001729>  Twitter: <https://twitter.com/Panosc_eu/status/1191316378931871744>  Twitter: <https://twitter.com/Panosc_eu/status/1191342736026284038>  Twitter: <https://twitter.com/Panosc_eu/status/1191349069895159808>  Twitter: <https://twitter.com/Panosc_eu/status/1191354759804002304>  Twitter: <https://twitter.com/Panosc_eu/status/1191382899360178177>  Twitter: <https://twitter.com/Panosc_eu/status/1191397256597032970>  Twitter: <https://twitter.com/Panosc_eu/status/1191614814990295042>  Twitter: <https://twitter.com/Panosc_eu/status/1191661344438865920>  Twitter: <https://twitter.com/Panosc_eu/status/1191661327732871168>  RT Twitter: <https://twitter.com/tostri/status/1191662782934142977>  Twitter: <https://twitter.com/Panosc_eu/status/1191710873968136192>  Twitter: <https://twitter.com/Panosc_eu/status/1192030091867496448>  Twitter: <https://twitter.com/Panosc_eu/status/1192076243660869632>  RT Twitter: <https://twitter.com/andy_gotz/status/1192378929291636736>  Twitter: <https://twitter.com/Panosc_eu/status/1192436009339887618>  Twitter: <https://twitter.com/Panosc_eu/status/1192760463186116609>  **Post-event:**  Website: <https://www.panosc.eu/news/another-milestone-reached-with-the-1st-panosc-annual-meeting/>  YouTube video: <https://www.youtube.com/watch?v=Qtv0ZALcxl0>  Twitter: <https://twitter.com/Panosc_eu/status/1197830931337351168>  CORDIS: <https://cordis.europa.eu/article/id/411601-another-milestone-reached-with-the-1st-panosc-annual-meeting/pl> | Event on Indico: <https://indico.esrf.fr/indico/event/36/overview>  Presentations: <https://indico.esrf.fr/indico/event/36/timetable/#all.detailed>    62 Attendants |
| **Joint ExPaNDS and PaNOSC meeting on Data Catalog Services** | 11-12 February 2020  ESS, Sweden | Website: <https://www.panosc.eu/events/joint-expands-and-panosc-wp3-meeting/>  RT Twitter: <https://twitter.com/tostri/status/1227146471948136448> | Agenda and presentations: <https://indico.esss.lu.se/event/1373/> |
| **ICAT metadata catalogue online meeting** | 10-11 March 2020  ESRF, online | Website: <https://www.panosc.eu/events/icat-f2f-meeting/>  Twitter: <https://twitter.com/Panosc_eu/status/1237711132602875905> | Programme and presentations: <https://indico.esrf.fr/indico/event/42/timetable/#20200310.detailed> |
| **ViNYL development sprint 2020** | 1-30 April 2020  Online | Website: <https://www.panosc.eu/events/vinyl-development-sprint-2020/> |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **PaNOSC EVENTS** | | | |
| **EVENT’S NAME** | **DATE / LOCATION** | **NEWS / SOCIAL MEDIA POSTS** | **OTHER DOCS** |
| **ExPaNDS/PaNOSC Technical Workshop: The Portal Architecture test experience** | 8 October 2020  Online | Website: <https://www.panosc.eu/events/expands-panosc-technical-workshop-the-portal-architecture-test-experience/> | Timetable and presentations on Indico: <https://indico.cells.es/event/249/timetable/#20201008>  80 attendees |
| **PaNOSC / ExPaNDS Annual Meeting & EOSC Symposium** | 1-30 April 2020  Online | Website: <https://www.panosc.eu/events/european-photon-neutron-eosc-symposium-panosc-expands-annual-meeting/>  Twitter: <https://twitter.com/Panosc_eu/status/1308726168674238467>  Twitter: <https://twitter.com/Panosc_eu/status/1320674969064509440>  Twitter: <https://twitter.com/Panosc_eu/status/1324277140909662209>  Twitter: <https://twitter.com/Panosc_eu/status/1325720724011687936>  Twitter: <https://twitter.com/Panosc_eu/status/1325777501747081216>  Twitter: <https://twitter.com/Panosc_eu/status/1325796978865922048>  Twitter: <https://twitter.com/Panosc_eu/status/1325802339828162560>  Twitter: <https://twitter.com/Panosc_eu/status/1326074910100381698>  Twitter: <https://twitter.com/Panosc_eu/status/1326087377585119232>  Twitter: <https://twitter.com/Panosc_eu/status/1326107416736501762>  Twitter: <https://twitter.com/Panosc_eu/status/1326126032152358914>  Twitter: <https://twitter.com/Panosc_eu/status/1326435491328241664>  CORDIS: <https://cordis.europa.eu/article/id/428479-photon-and-neutron-eosc-symposium-and-panosc-expands-annual-meeting-an-overview>  **Post event:**  Website: <https://www.panosc.eu/news/panosc-expands-pan-eosc-symposium-and-annual-meeting-an-overview/>  Twitter: <https://twitter.com/Panosc_eu/status/1331160985923694592>  Youtube video recordings: <https://youtu.be/AXMhurOSeiY> | Timetable on Indico: <https://indico.eli-beams.eu/event/376/timetable/#20201109>  Symposium’s presentations on Zenodo: <https://zenodo.org/record/4279166#.YAbvNulKiLI>  Annual meeting’s presentations on PaNOSC github: <https://github.com/panosc-eu/panosc/tree/master/Work%20Packages/WP9%20Outreach%20and%20communication/Presentations/2nd%20Annual%20Meeting%202020> |
| **PaN ESCAPE Data Management Workshop** | 8 January 2021  Online | Website: <https://www.panosc.eu/events/pan-escape-data-management-workshop/>  Twitter: <https://twitter.com/Panosc_eu/status/1340975772362747904>  RT Twitter: <https://twitter.com/ESCAPE_EU/status/1343557692779089923>  Twitter: <https://twitter.com/Panosc_eu/status/1348628815547953152>  Twitter: <https://twitter.com/Panosc_eu/status/1348916496316182528>  RT Twitter: <https://twitter.com/CERICnews/status/1348935737727717376> | 77 attendees |

|  |  |  |  |
| --- | --- | --- | --- |
| **ATTENDED EVENTS** | | | |
| **EVENT’S NAME** | **DATE / LOCATION** | **NEWS / SOCIAL MEDIA POSTS** | **OTHER DOCS** |
| **LaserLab meeting on Data Management and Open Data** | 7 December 2018  Lisbon - Portugal | Website: <https://www.panosc.eu/news/panosc-present-at-laserlab-meeting-on-data-management-and-open-data/> | Presentations by Andy Götz: <https://www.laserlab-europe.eu/events-1/laserlab-events/2018/documents-2018/panosc-2013-photon-and-neutron-open-science-cloud-andy-gotz> / <https://www.laserlab-europe.eu/events-1/laserlab-events/2018/documents-2018/making-fair-data-a-reality-2013-reflections-on-esrf2019s-experience-andy-gotz>  Presentation by Florian Gliksohn: <https://www.laserlab-europe.eu/events-1/laserlab-events/2018/documents-2018/planning-ahead-data-management-at-eli-florian-gliksohn> |
| **ESFRI RIs and EOSC Workshop** | 30 January 2019  London – UK | Website: <https://www.panosc.eu/news/panosc-at-the-esfri-ris-and-eosc-workshop/>  Twitter:  <https://twitter.com/Panosc_eu/status/1087291293573828608>  <https://twitter.com/Panosc_eu/status/1089930176610385920>  <https://twitter.com/Panosc_eu/status/1090555890527289344>  <https://twitter.com/Panosc_eu/status/1090573879377047553>  <https://twitter.com/Panosc_eu/status/1094954319969964033>  <https://twitter.com/Panosc_eu/status/1126765358960877568>  Twitter RT: <https://twitter.com/fkarayan/status/1090590513231732737> | Report: <https://www.panosc.eu/wp-content/uploads/2019/05/ESFRI-EOSC_Workshop_30Jan2019_report.pdf>  Presentation by R. Dimper: <https://www.panosc.eu/wp-content/uploads/2019/05/20190130-PaNOSC-Overview-ESRFRI-London-1.pdf>  All events’ presentations: <https://www.esfri.eu/esfri-events/esfri-ris-eosc-liaison-workshop?qt-event=1#qt-event> |
| **ESCAPE kick-off meeting** | 7-8 February 2019  Paris – France | Website: <https://www.panosc.eu/news/panosc-at-the-escape-kick-off-meeting/>  Twitter: <https://twitter.com/JBodera/status/1093494836102078465> | Presentation introducing the project: <https://www.slideshare.net/ESCAPE3/escape-kickoff-meeting-welcome-feb-2019> |
| **FAIRsFAIR kick-off meeting** | 14-15 March 2019  Amsterdam – The Netherlands | Website: <https://www.panosc.eu/news/fostered-collaboration-with-other-eosc-clusters-at-the-fairsfair-kick-off-meeting/>  Twitter: <https://twitter.com/Panosc_eu/status/1106191226951397376> |  |
| **EOSC-hub week** | 10-12 April 2019  Prague – Czech Republic | Website: <https://www.panosc.eu/news/pan-facilities-challenges-and-opportunities-showcased-at-the-eosc-hub-week-2019/>  Twitter:  <https://twitter.com/Panosc_eu/status/1093202915379032064>  <https://twitter.com/Panosc_eu/status/1093202917639753731>  <https://twitter.com/Panosc_eu/status/1105106886968467457>  <https://twitter.com/Panosc_eu/status/1108667710685265920>  <https://twitter.com/Panosc_eu/status/1115929401617727489>  <https://twitter.com/Panosc_eu/status/1116002975498031104>  <https://twitter.com/Panosc_eu/status/1118884868455370752> | Presentation by Jean-François Perrin: <https://www.panosc.eu/wp-content/uploads/2019/07/PERRIN_20190417_PaNfacilities_ChallengesAndOpportunities.pdf>  Presentations on “Services to support FAIR data”:  <https://www.eosc-hub.eu/events/eosc-hub-week-2019/programme/services-support-fair-data> |
| **EGI Conference** | 6-8 May 2019  Amsterdam – The Netherlands | Website: <https://www.panosc.eu/news/fruitful-exchanges-of-knowledge-and-expertise-at-the-egi-conference/>  Twitter: <https://twitter.com/Panosc_eu/status/1126060501027512320> | Presentation by Jamie Hall, Jean-François Perrin and Philippe Le Brouster: <https://www.panosc.eu/wp-content/uploads/2019/07/PaNOSC_20190507_UseCases_Hall-Perrin-LeBrouster.pdf> |

|  |  |  |  |
| --- | --- | --- | --- |
| **ATTENDED EVENTS** | | | |
| **EVENT’S NAME** | **DATE / LOCATION** | **NEWS / SOCIAL MEDIA POSTS** | **OTHER DOCS** |
| **LEAPS-IT, CalipsoPlus + UmbrellaID** | 13-15 May 2019  PSI, Villigen – Switzerland | Website: <https://www.panosc.eu/news/closer-links-between-panosc-and-expands-established-at-the-leaps-it-meeting/>  CORDIS: <https://cordis.europa.eu/article/id/125659-closer-links-between-panosc-and-expands-established-at-the-leapsit-meeting>  Twitter:  <https://twitter.com/Panosc_eu/status/1133353479081201668> | Presentation by Andy Götz (PaNOSC overview and status):  <https://github.com/panosc-eu/panosc/blob/master/Work%20Packages/WP9%20Outreach%20and%20communication/Presentations/PaNOSC_Overview_Status_LEAPs-IT_PSI_May_2019.pdf> |
| **“Dashboarding with project Jupyter” workshop** | 3-6 June 2019  Paris – France | Website: <https://www.panosc.eu/events/joint-cnect-rtd-project-meeting-and-workshop-on-eosc/>  Twitter: <https://twitter.com/Panosc_eu/status/1169867795237990401> |  |
| **Jupyter for Science workshop** | 11-13 June 2019  Berkeley - USA | Website: <https://www.panosc.eu/news/reproducible-science-discussed-at-the-jupyter-for-science-workshop/>  CORDIS: <https://cordis.europa.eu/article/id/406919-reproducible-science-discussed-at-the-jupyter-for-science-workshop>  Twitter: <https://twitter.com/Panosc_eu/status/1169634266747195393> | Presentation by Robert Rosca on “Jupyter for reproducible science at PaN facilities”: <https://www.panosc.eu/wp-content/uploads/2019/07/PaNOSC_20190611-13_ROSCA_Berkeley_JupiterForScience.pdf> |
| **Joint EOSC project meeting** | 9-10 September 2019  Brussels - Belgium | Twitter: <https://twitter.com/Panosc_eu/status/1171027935156981760> |  |
| **ExPaNDS kick-off meeting** | 11-12 Sept. 2019  Hamburg – Germany | Website: <https://www.panosc.eu/news/new-6me-european-grant-awarded-to-expands-to-drive-open-access-data/>  Twitter:  <https://twitter.com/Panosc_eu/status/1171744184438525952>  <https://twitter.com/Panosc_eu/status/1171762753696075776> | All presentations on Indico:  <https://indico.desy.de/indico/event/23649/timetable/#20190911> |
| **ICALEPCS19** | October 2019  New York, USA | Website: <https://www.panosc.eu/news/first-panosc-publication-released-at-icalepcs19/>  CORDIS  - <https://cordis.europa.eu/article/id/410194-material-from-the-panosc-jupyter-workshop-at-icalepcs-2019-now-online>  - <https://cordis.europa.eu/article/id/411604-first-panosc-publication-released-at-icalepcs19>  Twitter:  RT: <https://twitter.com/ProfCompMod/status/1180132990057406470>  <https://twitter.com/Panosc_eu/status/1181118621906558976>  RT: <https://twitter.com/tostri/status/1181603087141736449>  <https://twitter.com/Panosc_eu/status/1182205130592178176>  <https://twitter.com/Panosc_eu/status/1182242271191867392> | Training material from the Jupyter Workshop: <https://indico.desy.de/indico/event/23354/>  Publication “Enabling open science for photon and neutron sources”: <http://icalepcs2019.vrws.de/papers/tubpl02.pdf>  List of and links to PaNOSC-related contributions at ICALEPCS19 available at:  <https://www.panosc.eu/news/first-panosc-publication-released-at-icalepcs19/> |

|  |  |  |  |
| --- | --- | --- | --- |
| **ATTENDED EVENTS** | | | |
| **EVENT’S NAME** | **DATE / LOCATION** | **NEWS / SOCIAL MEDIA POSTS** | **OTHER DOCS** |
| **RDA plenary side event: EOSC Services, Collaborations & RDA** | 21 October 2019  Helsinki – Finland | Twitter:  <https://twitter.com/SSHOpenCloud/status/1176886583179522049>  <https://twitter.com/SSHOpenCloud/status/1186178813341917184>  <https://twitter.com/Panosc_eu/status/1186253004682518528>  <https://twitter.com/Panosc_eu/status/1186622314789642247> |  |
| **2nd LEAPS plenary meeting** | 18-20 Nov. 2019 PSI, Villigen – Switzerland | Twitter:  RT: <https://twitter.com/danielsalvat/status/1196334023410405377>  <https://twitter.com/Panosc_eu/status/1196389598823436288> |  |
| **Journee EOSC au CNRS** | 22 January 2020  Paris – France | Twitter:  RT: <https://twitter.com/andy_gotz/status/1219893094084227073>  RT: <https://twitter.com/andy_gotz/status/1220037807160414208> | Video presentation by Andy Götz streamed online: <https://webcast.in2p3.fr/video/panosc-the-photon-and-neutron-open-science-cloud>  More info (in French): <https://indico.in2p3.fr/event/20051/overview> |
| **DESY and European XFEL user meetings 2020** | 29-31 January 2020  DESY / EU XFEL  Hamburg, Germany |  |  |
| **ESRF user meeting** | 3-5 February 2020  Grenoble, France |  |  |
| **FAIRsFAIR 2nd Synchronisation Workshop** | 29 April – 11 June 2020  Online | RT Twitter: <https://twitter.com/Panosc_eu/status/1255487595494223874>  RT Twitter: <https://twitter.com/FAIRsFAIR_EU/status/1255413217599410177>  Youtube: <https://youtu.be/7JwO_tXXqKc> | Recordings from the event: <https://www.fairsfair.eu/events/fairsfair-2020-and-second-synchronisation-workshop> |
| **EOSC Landscape Validation Workshop** | 27-28 April 2020  Online |  | Event’s page: <https://www.eoscsecretariat.eu/eosc-validation-workshop-27-28-april-2020> |
| **European RIs for a smarter future (ePosters Hall)** | 15 May 2020  ESFRI / Croatian Presidency of the EU Council, online | RT Twitter: <https://twitter.com/ESFRI_eu/status/1258087776958009346>  Twitter: <https://twitter.com/Panosc_eu/status/1261228953844547584>  Twitter: <https://twitter.com/Panosc_eu/status/1261294092992106497>  Twitter: <https://twitter.com/Panosc_eu/status/1268140270606057474>  PaNOSC videos displayed at the conference: <https://www.esfri.eu/video-library?qt-video_library=4#qt-video_library>  Poster displayed in the e-wall area of the event: <https://github.com/panosc-eu/panosc/blob/master/Work%20Packages/WP9%20Outreach%20and%20communication/Posters/PaNOSC_Poster_EU-RIs-for-a-Smarter-Future2020_.pdf> | Event’s page:  <https://www.esfri.eu/esfri-events/european-research-infrastructures-smarter-future-conference?qt-event=5#qt-event> |
| **EOSC-hub week 2020** | 18-20 May 2020  Online | RT Twitter: <https://twitter.com/EoscSecretariat/status/1258688880892612609> |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **ATTENDED EVENTS** | | | |
| **EVENT’S NAME** | **DATE / LOCATION** | **NEWS / SOCIAL MEDIA POSTS** | **OTHER DOCS** |
| **ORSO Workshop** | 26 May 2020 |  | Presentation on Github: <https://github.com/panosc-eu/panosc/blob/master/Work%20Packages/WP9%20Outreach%20and%20communication/Presentations/PaNOSC_ORSO.pptx> |
| **IUCr workshop - When should small molecule crystallographers publish raw diffraction data?** | 22 August 2020  IUCr - online |  | Programme: <https://www.iucr.org/resources/data/commdat/prague-workshop-cx> |
| **Science in the City Festival @ESOF 2020** | 2-6 September 2020  Trieste, Italy | Twitter: <https://twitter.com/Panosc_eu/status/1299286844023222274> | 3 PaNOSC videos, with Italian subtitles, were broadcasted at the ERF booth open to the public at the Science in the City Festival @ESOF2020. |
| **Joint Meeting of Polish Synchrotron Radiation Society and SOLARIS Users** | 9-11 September 2020  SOLARIS, online | RT Twitter: <https://twitter.com/CERICnews/status/1288788500775686144>  Twitter: <https://twitter.com/Panosc_eu/status/1303645479109038081>  Twitter: <https://twitter.com/Panosc_eu/status/1304039922886742016> | Poster: <https://github.com/panosc-eu/panosc/blob/master/Work%20Packages/WP9%20Outreach%20and%20communication/Posters/PaNOSC_Poster_SOLARISmeeting_2020.pdf> |
| **Joint ESS / ILL user meeting** | 23-25 September 2020  ESS / ILL - online | Website: <https://www.panosc.eu/news/watch-the-recordings-from-panosc-ess-ill-user-meeting/>  Twitter: <https://twitter.com/Panosc_eu/status/1308700067428274176>  Twitter: <https://twitter.com/Panosc_eu/status/1308708707161853952>  Twitter: <https://twitter.com/Panosc_eu/status/1308712038248648704> | Recordings: <https://youtu.be/i5SLI1rWmqA?t=7626> (PaNOSC coordinators’ talk)  Presentation: <https://github.com/panosc-eu/panosc/blob/master/Work%20Packages/WP9%20Outreach%20and%20communication/Presentations/PaNOSC_ESS_ILL_User_Meeting_2020_AGotz.pptx> |
| **2nd ESFRI RIs-EOSC Workshop "Research Infrastructures shaping EOSC" goes digital** | 6-7 October 2020  ESFRI, online | Twitter: <https://twitter.com/Panosc_eu/status/1313390621269393408>  Twitter: <https://twitter.com/Panosc_eu/status/1313400219250438144>  Twitter: <https://twitter.com/Panosc_eu/status/1313406479874101254>  Twitter: <https://twitter.com/ESFRI_eu/status/1313750795154845698>  Twitter: <https://twitter.com/Panosc_eu/status/1313766061670531075>  Twitter: <https://twitter.com/Panosc_eu/status/1313772157361627138>  Twitter: <https://twitter.com/Panosc_eu/status/1313785740753604610>  RT Twitter: <https://twitter.com/asmi_ari/status/1313792114707378176> | Event’s page: <https://www.esfri.eu/esfri-events/2nd-esfri-ris-eosc-workshop-research-infrastructures-shaping-eosc> |
| **HDF5 User Group Meeting 2020** | 13-16 October 2020  HDF5 User Group / online | Website: <https://www.panosc.eu/events/panosc-at-the-hdf5-user-group-meeting-2020/>  Twitter: <https://twitter.com/Panosc_eu/status/1318877944329232384> | Youtube recordings:  Loïc Huder: <https://youtu.be/3GNOOdDR-YU> (60 attendees)  Thomas Kluyver (PaNOSC): <https://youtu.be/Q46mROJe5xA> |

|  |  |  |  |
| --- | --- | --- | --- |
| **ATTENDED EVENTS** | | | |
| **EVENT’S NAME** | **DATE / LOCATION** | **NEWS / SOCIAL MEDIA POSTS** | **OTHER DOCS** |
| **EOSC Governance Symposium** | 19-22 October 2020  EOSC Secretariat, online | RT Twitter: <https://twitter.com/NI4OS_eu/status/1315565071112835073>  RT Twitter: <https://twitter.com/ExPaNDs_EU/status/1319193741329113088>  Twitter: <https://twitter.com/Panosc_eu/status/1319555543162359809>  RT Twitter: <https://twitter.com/EoscPortal/status/1331875337681203200> | Event’s page: <https://www.eoscsecretariat.eu/events/eosc-symposium-2020>  977 attendees  PaNOSC session: 143 attendees |
| **PaNOSC session at the EGI Virtual Conference: Achieving a PaN community federated cloud in EOSC** | 2-5 November 2020  EGI, online | Website: <https://www.panosc.eu/events/join-the-panosc-and-expands-session-at-the-egi-conference-2020/>  Twitter: <https://twitter.com/Panosc_eu/status/1273639642017992704>  RT Twitter: <https://twitter.com/EGI_eInfra/status/1280112862514593795>  Twitter: <https://twitter.com/Panosc_eu/status/1321040369728016386>  Twitter: <https://twitter.com/Panosc_eu/status/1323223257961693184>  Twitter: <https://twitter.com/Panosc_eu/status/1323239610718294016>  Twitter: <https://twitter.com/Panosc_eu/status/1323242507870896128>  Twitter: <https://twitter.com/Panosc_eu/status/1323248998233366528>  Twitter: <https://twitter.com/Panosc_eu/status/1323255084587929601>  Twitter: <https://twitter.com/Panosc_eu/status/1323262529687166978> | Event’s page: <https://indico.egi.eu/event/5000/contributions/14180/>  44 attendees |
| **Realising the European Open Science Cloud** | 16-19 November 2020  EOSC hub / FREYA / SSHOC, online | Website: <https://www.panosc.eu/events/thematic-discovery-marketplaces-for-the-eosc/>  Twitter: <https://twitter.com/Panosc_eu/status/1326884750028664833>  Twitter: <https://twitter.com/EOSC_eu/status/1328279597952208901>  Twitter: <https://twitter.com/Panosc_eu/status/1328288970585886720>  RT Twitter: <https://twitter.com/freya_eu/status/1329038528374824963> | Recordings: <https://www.youtube.com/playlist?list=PLpuwwe1MpnqKKTezIRlHDaNx_zIo4yuRC>  Session with PaNOSC contribution – recordings: <https://youtu.be/jpWU9qVnY5o>  Session’s page: <https://www.eosc-hub.eu/events/realising-european-open-science-cloud/thematic-discovery-marketplaces-european-open-science-cloud>  PaNOSC presentation: <https://github.com/panosc-eu/panosc/blob/master/Work%20Packages/WP9%20Outreach%20and%20communication/Presentations/20201116-PaNOSC-atSSHOCevent-RealisingEOSC.pptx> |
| **LENS General Assembly** | 19 November 2020  LENS initiative, online |  | PaNOSC presentation: <https://github.com/panosc-eu/panosc/blob/master/Work%20Packages/WP9%20Outreach%20and%20communication/Presentations/LENS%20GA%202020/20201119_PaNOSC-for-LENS-GA.pptx> |
| **LEAPS Plenary Meeting** | 25 November 2020  LEAPS initiative, online | Twitter: <https://twitter.com/Panosc_eu/status/1331564961152315394>  Twitter: | PaNOSC presentation: <https://github.com/panosc-eu/panosc/blob/master/Work%20Packages/WP9%20Outreach%20and%20communication/Presentations/LEAPS%20Plenary%202020/2020-11-25LEAPS_and_EOSC-RD.pdf> |
| **Knowledge Network (Mreža Znanja) 2020 conference** | 25 November 2020  ARNES / NI4OS-Europe / SLING, online | Website: <https://www.panosc.eu/events/panosc-at-the-knowledge-network-2020-conference/> | Event’s page: <https://mrezaznanja.si/> |

To increase the impact of outreach activities towards EOSC/PaNOSC stakeholders, PaNOSC and ExPaNDS have agreed on a set of common actions in the communications domain, and namely:

* Share of deliverables and useful resources for communications/outreach;
* Common mailing list, with all communications/press ofﬁcers from PaNOSC and ExPaNDS partners, to exchange news, info about events and projects’ advancements, useful resources, etc.;
* Use of a joint common events’ calendar;
* Mutual support on social media;
* Mutual promotion of results, events and activities of both projects;
* Joint use of the e-learning platform developed in PaNOSC WP8 (once available);
* Joint planning of similar events (e.g., Jupyter workshops or similar);
* Joint annual meeting;
* Joint attendance of user meetings to raise awareness about the projects, and to involve and engage potential and future users of tools / technologies / services developed in the frame of the two projects;
* Produce and distribute promotional material of main projects’ achievements;
* Support all work packages by promoting their activities;
* Mutually support the promoting of projects’ initiatives, events and training material as well as training activities;
* Enhance interactive participation of the audience attending our events via the tools available within online conferencing tools, and monitor performance;
* Identify and attend other events and conferences targeting users;
* Engage with user offices across PaN facilities;
* Identify and collect user success stories at PaN facilities and publish these use cases;
* Organise user-centric workshops / meetings (training WPs) and attract participants from the PaN community;
* Promote and distribute demos / videos on the services developed;
* Present progress and achievements at partners’ scientific board meetings;
* Promote services and policies via PaN networks (lightsources.org, neutronsources.org, etc.);
* Ensure all cluster projects attend our Annual Meeting and that we attend theirs;
* Invite 5b / cluster projects representatives to all our workshops / events;
* Active participation in the EOSC Secretariat's interest group "EOSC Cluster Collaboration" meetings, and related joint actions;
* Periodical meetings among coordinators of the cluster projects and transfer of the relevant inputs to the leaders of WP comms/dissemination in the various projects, to ensure appropriate communications/dissemination of the set actions and results achieved.

**Promotion by the partners on their annual reports / periodical newsletters / other:**

* ELI-DC Newsletter n. 12: <https://mailchi.mp/ccb1226fd1ee/elines-newsletter-2318145>
* ILL Report 2019: <https://www.ill.eu/fileadmin/user_upload/ILL/1_About_ILL/Documentation/Annual_report/AR-19/index.html>
* ESRF Highlights 2019: <https://www.esrf.eu/files/live/sites/www/files/UsersAndScience/Publications/Highlights/2019/HIGHLIGHTS2019.pdf>
* Elettra Highlights 2018-2019: <https://www.elettra.eu/images/Documents/SCIENCE/Elettra%20HL%202019.pdf>
* CERIC newsletter n. 19, October 2019: <https://mailchi.mp/f77b0cad9541/ceric-newsletter-no-19-october-4647301>
* CERIC newsletter n. 20, March 2020: <https://mailchi.mp/cc382bdb3dd4/ceric-newsletter-no-20-march-4877114>
* CERIC newsletter n. 21, July 2020: <https://mailchi.mp/e0b120dbb825/ceric-newsletter-no-21-july-4964726>
* CERIC newsletter n. 22, October 2020: <https://mailchi.mp/08a12fd6db27/ceric-newsletter-n-22-october-4998738>
* CERIC newsletter n. 23, January 2021: <https://mailchi.mp/df0be69ceab6/ceric-newsletter-no-23-january-5041906>
* CERIC Report 2019: <https://www.ceric-eric.eu/wp-content/uploads/2020/06/CERIC_Report2019-def.pdf>

**Other achievements promoted on PaNOSC channels, and disseminated to PaNOSC main stakeholders:**

* 13 December 2019 - **OpenPMD standard for simulation data (and metadata) further developed in PaNOSC wp5**
  + PaNOSC website: <https://www.panosc.eu/news/openpmd-standard-for-simulation-data-and-metadata-further-developed-in-panosc-wp5/>
  + CORDIS: <https://cordis.europa.eu/article/id/413169-openpmd-standard-for-simulation-data-and-metadata-further-developed-in-panosc-wp5>
  + Twitter: <https://twitter.com/Panosc_eu/status/1205488570468884482>
* 17 December 2019 - **Report published on current technical elements of data analysis at PaNOSC partner sites**
  + PaNOSC website: <https://www.panosc.eu/news/published-the-report-on-current-technical-elements-of-data-analysis-at-panosc-partner-sites/>
  + CORDIS: <https://cordis.europa.eu/article/id/413168-report-published-on-current-technical-elements-of-data-analysis-at-panosc-partner-sites>
  + Twitter: <https://twitter.com/Panosc_eu/status/1206922024284803072>
* 20 December 2019 - **ESRF repository selected for support towards achieving CoreTrustSeal certification**
  + PaNOSC website: <https://www.panosc.eu/news/esrf-data-repositories-selected-for-support-towards-achieving-coretrustseal-certification/>
  + Twitter: <https://twitter.com/Panosc_eu/status/1208045084110991362>
* 20 February 2020 - **Online the EOSC cluster projects’ position papers on expectations and planned contributions to the EOSC**
  + PaNOSC website: <https://www.panosc.eu/news/online-the-eosc-cluster-projects-position-papers-on-expectations-and-planned-contributions-to-the-eosc/>
  + Zenodo: DOI: 10.5281/zenodo.3675081
  + Twitter: <https://twitter.com/Panosc_eu/status/1230432708905574400>
* 5 May 2020 - **A further step towards EOSC implementation: research data on ultramarine blue disease in masterpieces made open via @ESRF data portal**
  + PaNOSC website: <https://www.panosc.eu/news/a-further-step-towards-eosc-implementation-research-data-on-ultramarine-blue-disease-in-masterpieces-made-open-via-esrf-data-portal/>
  + Twitter: <https://twitter.com/Panosc_eu/status/1257968445343309824>
* 24 May 2020 - **PaNOSC updates research data policy framework to be FAIR**
  + PaNOSC website: <https://www.panosc.eu/news/panosc-updates-research-data-policy-framework-to-be-fair/>
  + Zenodo: <https://doi.org/10.5281/zenodo.3862701>
  + CORDIS: <https://cordis.europa.eu/article/id/418268-panosc-updates-research-data-policy-framework-to-be-fair/it>
  + Twitter: <https://twitter.com/Panosc_eu/status/1264876056466591744>
* 25 May 2020 – **Release of OSCOVIDA, the PaNOCS Open Science COVID Analysis platform**
  + PaNOSC website: <https://www.panosc.eu/news/panosc-open-science-covid-analysis-platform/>
  + PaNOSC website: <https://www.panosc.eu/news/hungarian-contribution-to-panosc-oscovida-allows-following-covid-19-pandemic-in-the-country-at-county-level/>
  + CORDIS: <https://cordis.europa.eu/article/id/418274-discover-oscovida-the-panosc-open-science-covid-analysis-platform-tracking-data-about-covid19/es>
  + CORDIS: <https://cordis.europa.eu/article/id/421539-hungarian-contribution-to-panosc-oscovida-allows-following-covid-19-pandemic-in-the-country-a>
  + RT Twitter: <https://twitter.com/EuropeanXFEL/status/1272784282969391104>
  + Twitter: <https://twitter.com/Panosc_eu/status/1279047039767150593>
* 24 August 2020 - **Latest publication about VINYL – the VIrtual Neutron and x-raY Laboratory, and its applications for experiments’ simulation**
  + PaNOSC website: <https://www.panosc.eu/news/latest-publication-about-vinyl-the-virtual-neutron-and-x-ray-laboratory-and-its-applications-for-experiments-simulation/>
  + Twitter: <https://twitter.com/Panosc_eu/status/1327173921746128896>
* 21 September 2020 – **Position paper on EOSC – a tool for enabling Open Science in Europe**
  + PaNOSC website: <https://www.panosc.eu/news/eosc-a-tool-for-enabling-open-science-in-europe/>
  + Zenodo: <https://doi.org/10.5281/zenodo.4044010>
  + Twitter: <https://twitter.com/Panosc_eu/status/1308019487531323394>
* 25 September 2020 – **Discover pan-learning.org, the PaN sources e-learning platform**
  + PaNOSC website: <https://www.panosc.eu/news/discover-pan-learning-org-the-pan-sources-e-learning-platform/>
  + Twitter: <https://twitter.com/Panosc_eu/status/1309468360544079874>
* 28 October 2020 – **PaNOSC brochure on the project’s main achievements**
  + PaNOSC website: <https://www.panosc.eu/news/online-the-panosc-brochure-on-the-projects-main-achievements/>
  + Zenodo: <https://doi.org/10.5281/zenodo.4247623>
  + Article on EOSC-Portal: <https://www.eosc-portal.eu/news/panosc-brochure-project%E2%80%99s-main-achievements-now-online>
  + Twitter: <https://twitter.com/Panosc_eu/status/1321442427572527106>
  + Twitter: <https://twitter.com/Panosc_eu/status/1334431424385060866>
* 9 December 2020 - **Latest Open Access publication about advances and applications of WISER wavefront propagation simulation code**
  + PaNOSC website: <https://www.panosc.eu/news/latest-open-access-publication-about-advances-and-applications-of-wiser-wavefront-propagation-simulation-code/>
  + Twitter: <https://twitter.com/Panosc_eu/status/1336605641138376704>

**Publications:**

## Peer-reviewed open access publications

* M. Manfredda, A. Hafner, S. Gerusina, N. Mahne, A. Simoncig, M. Zangrando, and L. Raimondi ***WISER wavefront propagation simulation code: advances and applications***, Proc. SPIE 11493, Advances in Computational Methods for X-Ray Optics V, 114930B (16 September 2020); [https://doi.org/10.1117/12.2568574](https://doi.org/10.1117/12.2568574" \t "_blank)
* A. Götz, J. Bodera Sempere, A. Campbell, A. de Maria, M. del Rio, R. Dimper, J. Kieffer, A.Solé, T. Vincent; S. Caunt, J. Hall, J. F. Perrin, N. Carboni, A.Hafner, R. Pugliese, M. Bertelsen, T. H. Rod, T. S. Richter, J. Taylor, J. C. E, H. Fangohr, C. Fortmann-Grote, T. Kluyver, R. Rosca, F. Gliksohn, L. Schrettner, ***Enabling Open Science for Photon and Neutron Sources***, ICALEPCS2019 Proceedings, JACoW Publishing, 30 August 2020, DOI: [https://doi.org/10.18429/JACoW-ICALEPCS2019-TUBPL02](https://jacow.org/icalepcs2019/papers/tubpl02.pdf)
* H. Fangohr, M. Beg, M. Bergemann, V. Bondar, S. Brockhauser C. Carinan, R. Costa, F. Dall’Antonia, C. Danilevski, J. C. E, W. Ehsan, S. G. Esenov, R. Fabbri, S. Fangohr, G. Flucke, C. Fortmann, D. Fulla Marsa, G. Giovanetti, D. Goeries, S. Hauf, D. G. Hickin, T. Jarosiewicz5, E. Kamil, M. Karnevskiy, Y. Kirienko, A. Klimovskaia, T. A. Kluyver, M. Kuster, L. Le Guyader, A. Madsen, L. G. Maia, D. Mamchyk, L. Mercadier, T. Michelat, J. Möller, I. Mohacsi, A. Parenti, M. Reiser, R. Rosca, D. B. Rueck, T. Rüter, H. Santos, R. Schaffer, A. Scherz, M. Scholz, A. Silenzi, M. Spirzewski, J. Sztuk, J. Szuba, S. Trojanowski, K. Wrona, A. A. Yaroslavtsev, J. Zhu, J. Reppin, F. Schlünzen, M. Schuh, E. Fernandez-del-Castillo, G. Sipos, T. H. Rod, J. R. Selknaes, J. W. Taylor, A. Campbell, A. Götz, J. Kieffer, J. Hall, E. Pellegrini, J. F. Perrin, ***Data exploration and analysis with Jupyter Notebooks***, ICALEPCS2019 Proceedings, JACoW Publishing, 30 August 2020, DOI: [https://doi.org/10.18429/JACoW-ICALEPCS2019-TUCPR02](https://jacow.org/icalepcs2019/papers/tucpr02.pdf" \t "_blank)
* J. C. E, A. Hafner, T. Kluyver, M. Bertelsen, M. Upadhyay Kahaly, Z. Lecz, S. Nourbakhsh, A. P. Mancuso, and C. Fortmann-Grote, ***VINYL: The VIrtual Neutron and x-raY Laboratory and its applications***, Proc. SPIE 11493, Advances in Computational Methods for X-Ray Optics V, 114930Z (21 August 2020); [https://doi.org/10.1117/12.2570378](https://doi.org/10.1117/12.2570378" \t "_blank)

## Peer-reviewed publications

* R. Dimper, A. Götz, A. De Maria, M. Solé V.A., Chaillet, B. Lebayle, ***ESRF Data Policy, Storage, and Services***, Synchrotron Radiation News, Volume 32, 2019 – Issue 3, DOI: [https://doi.org/10.1080/08940886.2019.1608119](https://doi.org/10.1080/08940886.2019.1608119" \t "_blank)

## Green open access publications

* C. Fortmann-Grote, M. Bertelsen, J. E, l***ibpyvinyl-v0.0.2***, 6 November 2020, PaNOSC on Zenodo, DOI: [https://doi.org/10.5281/zenodo.4245765](https://doi.org/10.5281/zenodo.4245765" \t "_blank)
* J. E, C. Fortmann-Grote, ***SimEx***, 6 November 2020, PaNOSC on Zenodo, DOI: [https://doi.org/10.5281/zenodo.4249615](https://doi.org/10.5281/zenodo.4249615" \t "_blank)
* A. Hafner, ***Demonstration of OASYS as a remote application (web service)***, 6 November 2020, PaNOSC on Zenodo, DOI: [https://doi.org/10.5281/zenodo.4250966](https://doi.org/10.5281/zenodo.4250966" \t "_blank)
* N. Carboni, A. Götz, ***PaNOSC key achievements in first 18 months***, 5 November 2020, PaNOSC on Zenodo, DOI: [https://doi.org/10.5281/zenodo.4247623](https://doi.org/10.5281/zenodo.4247623" \t "_blank)
* K. T. Butler, M. Duc Le, ***Data/code for Interpretable, calibrated neural networks for analysis and understanding of neutron spectra***, 14 October 2020, PaNOSC on Zenodo, DOI: [https://doi.org/10.5281/zenodo.4270057](https://doi.org/10.5281/zenodo.4270057" \t "_blank)
* R. Pugliese, G. Kourousias, F. Billè, M. De Simone, A. Olivo, D. Favretto, M. Del Bianco, R. Passuello, ***Remotisation technologies for enabling access; from software and robots to protocols and policies***, 12 October 2020, PaNOSC on Zenodo, DOI: [https://doi.org/10.5281/zenodo.4081592](https://doi.org/10.5281/zenodo.4081592" \t "_blank)
* A.Götz, J.-F. Perrin, H. Fangohr, D. Salvat, F.  Gliksohn, A.  Markvardsen,  A. McBirnie, A. Gonzalez-Beltran, J. Taylor, B. Matthews, ***PaNOSC FAIR Research Data Policy framework***, May 2020, PaNOSC on Zenodo, DOI: [https://doi.org/10.5281/zenodo.3862701](https://doi.org/10.5281/zenodo.3862701" \t "_blank)
* C. Fortmann-Grote, ***SIMEX test data***, April 2020, PaNOSC on Zenodo, DOI: [https://doi.org/10.5281/zenodo.3750541](https://doi.org/10.5281/zenodo.3750541" \t "_blank)
* A. Götz, A. Petzold, A. Asmi, N. Blomberg, G. Lamanna, R. Dekker, ***ESFRI cluster projects – Position papers on expectations and planned contributions to the EOSC***, PaNOSC on Zenodo, DOI; [https://doi.org/10.5281/zenodo.3675081](https://doi.org/10.5281/zenodo.3675081" \t "_blank)
* A. Hafner, ***Example Photon raytracing openPMD data***, November 2019, PaNOSC on Zenodo, DOI: [https://doi.org/10.5281/zenodo.3532902](https://doi.org/10.5281/zenodo.3532902" \t "_blank)
* J.C.E, ***Example dataset for openPMD-conform molecular dynamics data (MD domain extension)***, November 2019, PaNOSC on Zenodo, DOI: [https://doi.org/10.5281/zenodo.3525951](https://doi.org/10.5281/zenodo.3525951" \t "_blank)
* C. Fortmann-Grote, ***Example dataset for openPMD conform wavefront propagation data (wavefront domain extension)***, November 2019, PaNOSC on Zenodo, DOI: [https://doi.org/10.5281/zenodo.3524710](https://doi.org/10.5281/zenodo.3524710" \t "_blank)

**Non-peer-reviewed publications**

* A. Götz, ***The PaNOSC FAIR Data Policy,*** Crystallography News, British Crystallographic Association, Issue no. 155, December 2020, ISSI 1467-2790, p. 14-15

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASES** | | | | |
| **TITLE** | **LINK** | **WP** | **Partner** | **Date** |
| Analysing 2D uXRD maps for cultural heritage samples | <https://www.panosc.eu/use-cases/analysing-2d-uxrd-maps-for-cultural-heritage-samples/> | WP4 | ESRF | 18.01.2021 |
| EU-XFEL Data in NeXus Golden Standard | <https://www.panosc.eu/use-cases/euxfel-data-in-nexus-golden-standard/> | WP3 | European XFEL | 14.01.2021 |
| Operation of X-ray gas monitors at the European XFEL | <https://www.panosc.eu/use-cases/operation-of-x-ray-gas-monitors-at-the-european-xfel/> | WP4 | European XFEL | 14.01.2021 |
| Machine Learning Based Spectra Classification | <https://www.panosc.eu/use-cases/machine-learning-based-spectra-classification/> | WP4 | European XFEL | 14.01.2021 |
| SASE Pulse Delivery Analysis | <https://www.panosc.eu/use-cases/sase-pulse-delivery-analysis/> | WP4 | European XFEL | 14.01.2021 |
| Detector Calibration | <https://www.panosc.eu/use-cases/detector-calibration/> | WP4 | European XFEL | 14.01.2021 |
|  |  |  |  |  |