



This project has received funding from the European Union's Horizon 2020 Research and Innovation programme under Grant Agreement No 730871.



WP2. Training, Communication and Outreach for Accelerator Science

9 April 2019, Budapest

Daniela Antonio (CERN)

Milestones & Deliverables for WP2

Tasks

2.2	Internal and external project communications and outreach activities	M36	April 2020
2.3	Monitor provision for training in Europe and within a global context	M37	May 2020
2.4	Produce an introductory e-learning course on accelerator science	M39	July 2020

Deliverables

D2.1	E-learning course	2.4	M36	April 2020
D2.2	Final report on coordination of communication/outreach activities	2.2	M37	May 2020
D2.3	Final report on coordination of training activities	2.3	M39	July 2020

Milestones

MS10	Project website launched	2.2	M6	Oct 2017
MS11	Meeting to agree MOOC platform and academic structure and content of e-learning course	2.4	M12	May 2018
MS12	Workshop on training activities in Europe in a global context	2.3	M24	April 2019

Join us Thursday at 14H00!



1. Support to WP1

August 2018: ARIES Tutorial for ZENODO

Objectives for the tutorial:

- Increase the upload of ARIES research artefacts in Zenodo
- Reinforce the importance of acknowledging EC support

Access here:

<https://aries.web.cern.ch/content/aries-tutorial>

From 7 publications in September 2018 to 42 publications currently.



Produced by Daniela Antonio in September 2018, using Prezi and Camtasia.

September 2018: Issue #1 ARIES Bulletin

[View this email in your browser](#)

Programme: H2020 (Integrating Activity)

Grant Agreement No.: 730871

Project Coordinator: Maurizio Vretenar (CERN)



ARIES Bulletin | Issue #2

2nd ARIES Annual Meeting - Budapest, 8-12 April 2019



December 2018: 2nd Annual Meeting Poster

ARIES
2ND ANNUAL
MEETING

8-12 APRIL 2019
Hotel Mercure Korona
Budapest, Hungary



The ARIES project invites its wide accelerator R&D community to convene at Budapest in April 2019, to share recent results and to discuss future activities.

PROGRAMME

Monday 8 April
Workshop on Additive Manufacturing Technologies for Accelerators

Tuesday 9 April – Thursday 11 April
Plenary Sessions

Thursday 11 April – Friday 12 April
Workshop on Accelerator in HTS (WAMHTS-5)

ORGANISING COMMITTEE

Valeria Brunner (CERN)
Maurizio Vretenar (CERN)
Timea Major (Wigner Institute)
Zsuzsanna Tandi (Wigner Institute)



Produced by Daniela Antonio

ARIES has received funding from the European Union's Horizon 2020 Research and Innovation programme (GA No 730871)





2. Communication and Outreach

Highlights



6 articles published in Year 2



1,441 Accelerating News subscribers



29,689 unique website visitors



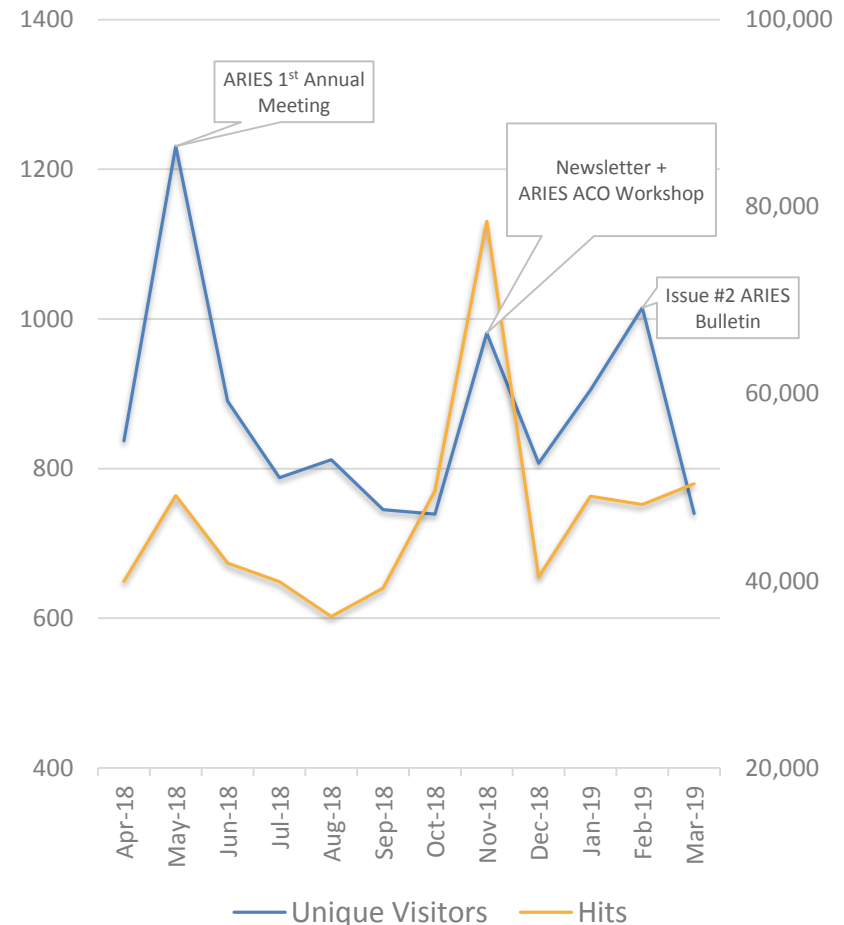
946,371 total website hits



H2020 Social Media Campaign

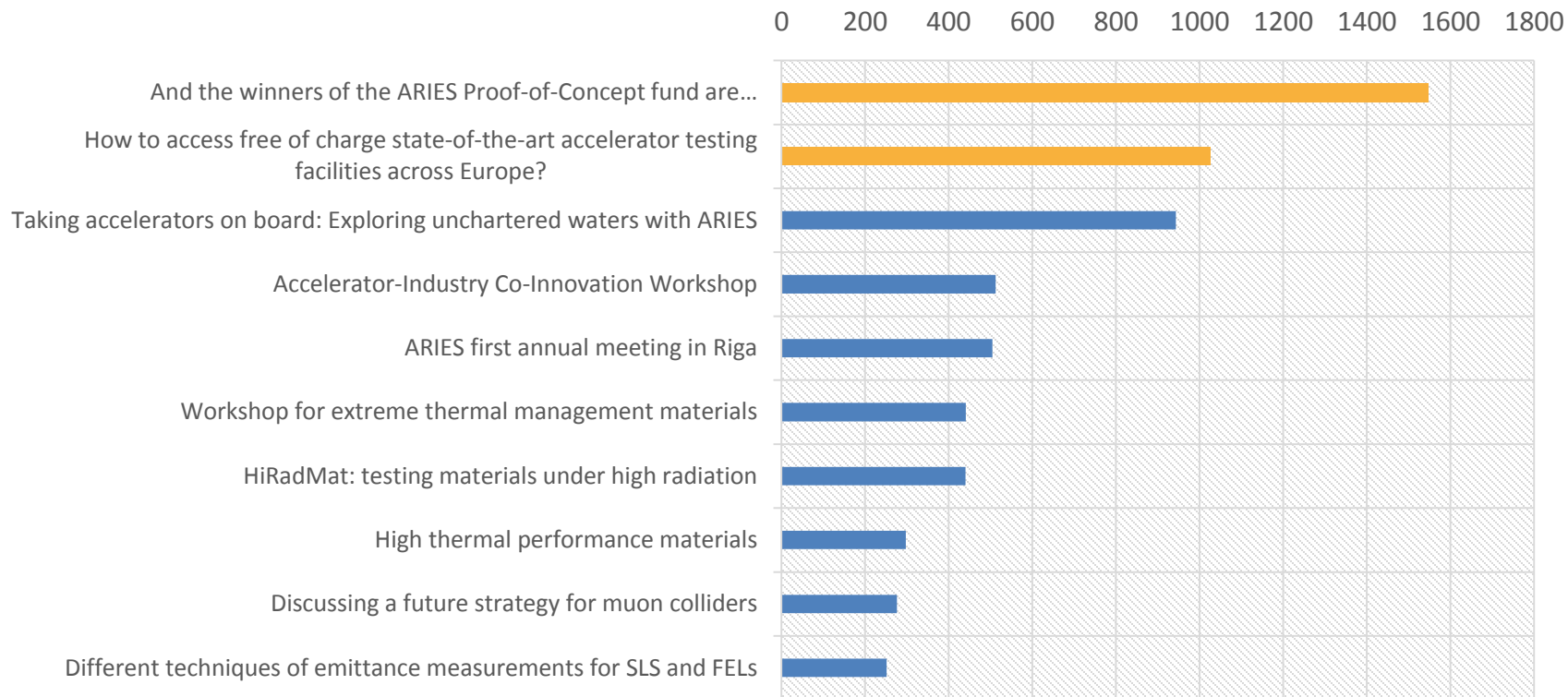
Website: Statistics Year 2

- Gradual increase of baseline unique visitors
- **Top performing pages include ARIES 'Proof of Concept' and general information pages. Transnational Access makes the TOP10.**
- Some peaks in visits can be explained by the publication of Accelerating News, or the publication of an ARIES article in other channels. *Any others that come to mind?*
- Note the scale on different axis. We retain our visitors very well!



Newsletter: Accelerating News

Published in July 2018 and both article have already higher impact.




Proof-of-concept and Transnational Access performed very well in Accelerating News, surpassing some of the older articles.

ARIES featured @ H2020 Twitter

Article published in H2020 website, linked in Twitter
https://twitter.com/EU_H2020/status/1070316103832870912



Horizon 2020@EU_H2020 Portable tiny accelerators and more powerful superconductors for a cleaner environment? EU is investing €10m in #ARIESProjectEU #ResearchInfrastructure @CERN: science & industry developing new sophisticated technologies together https://www.youtube.com/watch?v=PBsFcf8ipbs... #H2020 #ResearchImpactEU	<table> <tr> <td>Impressions</td><td>7,686</td></tr> <tr> <td>Media views</td><td>1</td></tr> <tr> <td>Total engagements</td><td>59</td></tr> <tr> <td>Detail expands</td><td>31</td></tr> <tr> <td>Likes</td><td>12</td></tr> <tr> <td>Retweets</td><td>7</td></tr> </table>	Impressions	7,686	Media views	1	Total engagements	59	Detail expands	31	Likes	12	Retweets	7		
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 <p>Horizon 2020@EU_H2020 Next-gen #particleaccelerator technologies being developed in the #ARIESProjectEU will help physicists explore the universe, provide engineers with novel tools to combat pollution & enable doctors to treat cancer more effectively http://ec.europa.eu/research/infocentre/article_en.cfm?artid=49808&pk=... #ResearchImpactEU #H2020</p>	<table> <tr> <td>Impressions</td><td>5,324</td></tr> <tr> <td>Total engagements</td><td>66</td></tr> <tr> <td>Detail expands</td><td>29</td></tr> <tr> <td>Link clicks</td><td>9</td></tr> <tr> <td>Media engagements</td><td>8</td></tr> <tr> <td>Likes</td><td>8</td></tr> <tr> <td>Retweets</td><td>6</td></tr> </table>	Impressions	5,324	Total engagements	66	Detail expands	29	Link clicks	9	Media engagements	8	Likes	8	Retweets	6
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ARIES Accelerator Communication and Outreach (ACO) Workshop

Task 2.2.: Accelerator Communication and Outreach (ACO) Workshop

1) Identify gaps in accelerator communication and outreach and potential activities

- ARIES ACO Workshop
 - Location: CERN
 - Date: 5-6 November
 - Participants: 16
- Determine gaps, goals and actions
- <https://indico.cern.ch/event/760778/>

Accelerator Communication and Outreach Workshop

5 Nov 2018, 09:50 → 6 Nov 2018, 13:00 Europe/Zurich
4-S-056 (CERN)



THE ARIES CONSORTIUM
INVITES YOU TO THE
**ACCELERATOR
COMMUNICATION &
OUTREACH WORKSHOP**
5-6 NOVEMBER
CERN, GENEVA

INVITATION ONLY

Description

In the context of H2020 project ARIES "Training, Communication and Outreach for Accelerator Science" activities, the Consortium aims to further develop the communication/outreach initiatives across the European accelerator community. In this context, we will organize an exclusive workshop for the accelerator communication community to share best practices and discuss the future of outreach for accelerators.

With the goal of further developing communication/outreach activities across Europe, we hope to gather the participants' insights on how a network of communication officers could benefit them, and increase the impact of outreach activities for particle physics' and light sources' accelerators.

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ARIES, Participant ...

Registration

You are registered for this event.

Participants

Ana Belén Martínez	Andrea Lausi	Barbara Warmbein	Daniela Antonio	Florentine Krawatzek	François Cesmat
Giorgio Chiarelli	Hans Peter Beck	Joseph Piergrosi	Martin Sjöstrand	Panagiotis Charitos	Philip Nicholas Burrows
Sarah Davies	Sarah Tridgell	Stephanie Hills	Suzie Sheehy		

Contact

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+41 22 76 62131

November 2018:
Workshop

January 2019:
Sharing Best Practices
and Activities, through
proposed actions

December 2019:
Report First Draft

Task 2.2.: Accelerator Communication and Outreach (ACO) Workshop

1) Identify gaps in accelerator communication and outreach and potential activities

- 1 keynote speaker, 2 co-facilitators
- Participants presented communication challenges and responses, thus allowing the team to extract best practices.
- Goals, audiences, messages and resources were the focus of the discussion.
- 2 articles and 1 social media post (22 engagements from a closed community).



James Gillies (CERN) followed with a talk about strategy, thus setting the context.



Sarah Davies (PCST) was the Keynote Speaker on Science Communication Networks.

Links:

[Accelerating News](#), [PCST Blog](#), [Facebook](#)

November 2018:
Workshop

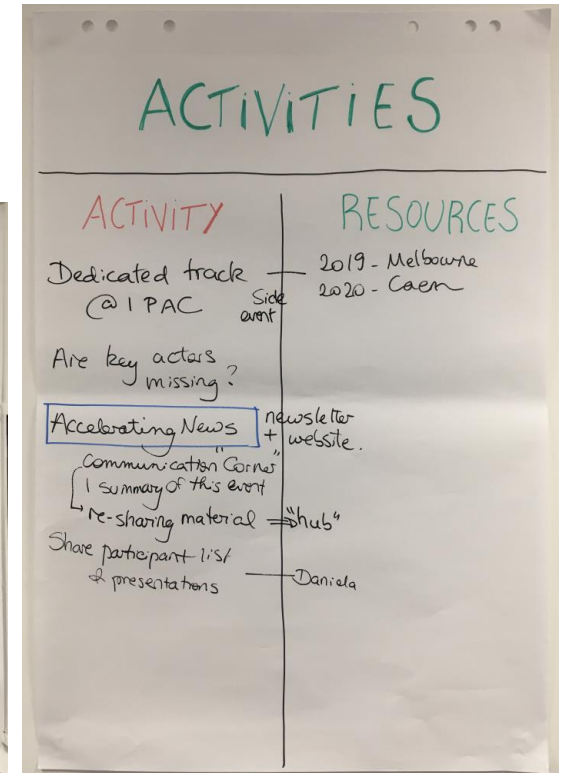
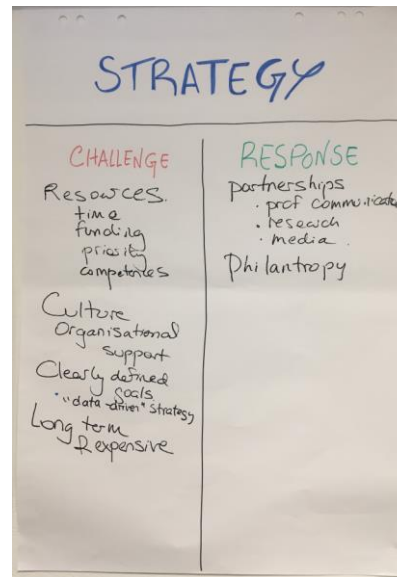
January 2019:
Sharing Best Practices
and Activities, through
proposed actions

December 2019:
Report First Draft

Task 2.2.: Accelerator Communication and Outreach (ACO) Workshop

2) Create a community to share best practices in accelerator communication and outreach

- Proposed actions:
 - [Accelerating News – ACO](#)
 - IPAC 2019 (event) and IPAC 2020 (specific track)
- Follow up in December 2018
- Gather ACO best practices and activities throughout 2019
- Currently 3 articles in ACO - AccNews**



November 2018:
Workshop

From January 2019:
Sharing Best Practices
and Activities, through
proposed actions

December 2019:
Report First Draft




3. Training Activities

Report on coordination of training activities...

... documenting ongoing and proposed activities and identifying any required additional resources to support proposed initiatives.

Selected an official approach - to carry out survey

- Prepare questionnaire ✓
- Finalise Survey Tool ✓ 
- Transfer questionnaire into Survey ✓ (Refining going on)
- Identification of tools for data-analysis ✓
- Prepare consent form for GDPR (ongoing at ESS) ✓



4. E-learning: the ARIES MOOC

Nicolas Delerue will present today at 16H40



5. Plan for Year 3 – Next Steps

Communication and Outreach: Activities for 2019

Task 2.2

- Continue sourcing and publishing articles on Accelerator Communication
- Follow-up on IPAC 2019 + IPAC 2020 (May 2019)
- Invite contributions for the final report + finalise structure (June, July 2019)
- Deliverable in April 2020, first draft in December 2019

Task 2.3

- Get consent for the contacts (April 2019)
- Launch survey (May, June 2019)
- Complete report in December 2019



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Thank you!

Activities in Year 2: Task 2.2. and Task 2.3

- Set up Template for **ARIES Bulletin**
- **ARIES Zenodo Tutorial**
- **ARIES 2nd Annual Meeting Poster**
- 6 ARIES articles published in **Accelerating News**
- H2020 **Social Media Campaign** @ Twitter
- **ARIES Accelerator Communication and Outreach Workshop**
- Preparation of **survey** on Accelerator Training Activities
- Mini-workshop on Accelerator Training Activities in Europe

Join us Thursday at 14H00!

Scope & Activities for WP2 – a refresher

- **Task 2.2. Implement internal and external project communications and outreach activities**
 - News from the project will be circulated to members [via] Accelerating News.
 - The task will also monitor, via the network, **communication/outreach activities** across the European accelerator community. Best practice will be shared and disseminated via the network meetings and workshops, and actions for improving communications/outreach activities will be identified and promoted.
- **Task 2.3. Monitor provision for training in Europe and within a global context**
 - Promote sharing of resources and good practice in accelerator training throughout Europe. Assess the needs for, and promote, additional training activities.
- **Task 2.4 Produce an introductory e-learning course on accelerator science**

Task 2.3 aims to:

Goals

- To organize network meeting and workshop on training activities in Europe in global context.
- To identify and promote actions for improving training activities: (Will be organized after the survey)

Deliverables and Milestones

- Report on coordination of training activities, documenting ongoing and proposed activities and identifying any required additional resources to support proposed initiatives - M39 (August 2020)

Publications

From 7 publications in September 2018 to 42 publications currently.

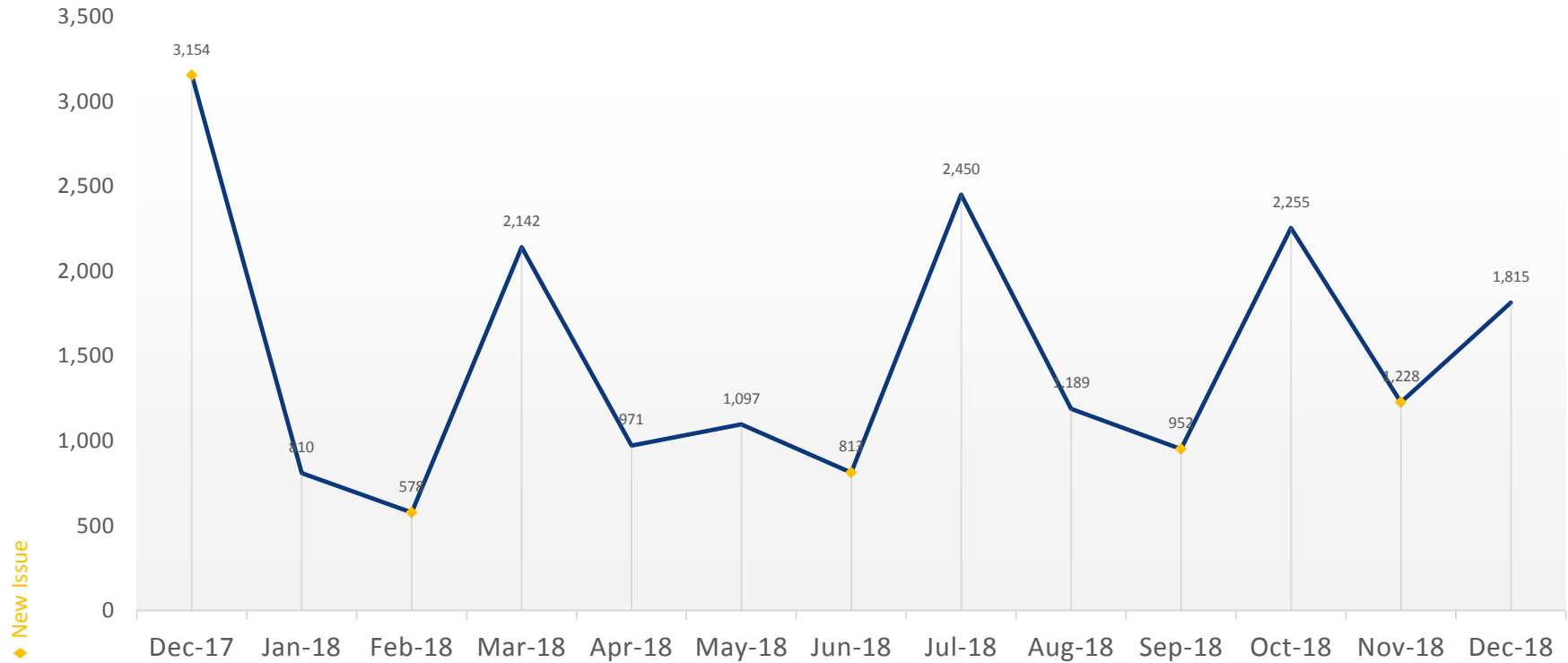
- ✓ Article (22)
- ✓ Report (7)
- ✓ Conferencepaper (4)
- ✓ Technicalnote (4)
- ✓ Other (2)
- ✓ Thesis (2)

The screenshot shows the Zenodo interface for the ARIES community. At the top, there's a search bar and navigation links for 'Upload' and 'Communities'. The user 'daniela.maria.antonio@cern.ch' is logged in. The main section is titled 'ARIES' and 'Recent uploads'. It lists several publications with their titles, authors, and upload dates. The publications include:

- Information system use cases and use context of an open reliability information system** (July 30, 2018) by Preinerstorfer, Alexander; Humer, Heinrich; Böhm, Petr; Gruber, Thomas; Niemi, Arto; Gutleber, Johannes.
- A High-Brilliance Angstrom-FEL based on the LHeC** (July 19, 2018) by Nergiz, Zafer; Zimmermann, Frank; Aksakal, Husnu.
- Bibliography and state of the art of reliability information systems** (June 18, 2018) by Preinerstorfer, Alexander; Humer, Heinrich; Böhm, Petr; Gruber, Thomas; Niemi, Arto; Gutleber, Johannes.
- A Massive Open Online Course on Particle Accelerators** (May 4, 2018) by Deléglise, Nicolas; Angeles, Paul-Goffe; Elias, Metral; Jennifer, Toes; Hermann, Schmitz; Graeme, Burt; Christine, Dancie; Putambhara, Yogi; Stojren, Pape; Mijollier, Philip; Burrows, Philippe; Lebouin, Louis; Rindoff, Erik; Brä, Undermann; Anie-Susanne, M.; Uller, Marica; Biagini, Julius; Krasberg, Valentina; Dmitriyev, Sergey; Polozov, Anagar; Simonsson, Alessandro; Dianchi, Vittorio; Giorgio, Vaccaro; Eric, Briantais; Hugues, Cazin; d'Honnitz, Gabriel; Mathivet, Ata; Kapienia, Toma; Toima.
- The "Multimat" experiment at CERN HiRadMat facility: advanced testing of novel materials and instrumentation for HL-LHC collimators** (July 26, 2017) by Carra, Federico; Bertarelli, Alessandro; Barthomé, Emmanuel; Fichera, Claudio; Furness, Tom; Günthard, Michael; Mettler, Linus; Kien, Portelli, Marcus; Redaelli, Stefano; Sacristan de Foz, Oscar.
- Development and properties of high thermal conductivity molybdenum carbide - graphite composites** (April 18, 2018) by [unintelligible].

On the right side, there's a 'New upload' button and a section titled 'Want your upload to appear in this community?' with instructions on how to get featured. Below that is the ARIES logo and a description of the community's mission: 'Accelerator Research and Innovation for European Science and Society'. It mentions that ARIES is an integrating Activity project which aims to develop European particle accelerator infrastructures, co-funded under the European Commission's Horizon 2020 Research and Innovation programme. It also states that over four years, ARIES will work towards improving the performance, availability, and sustainability of particle accelerators, transferring the benefits and applications of accelerator technology to both science and society, and enlarging and integrating the European accelerator community. At the bottom right, there's a 'Curated by: ARIES' section and a 'Curation policy' link.

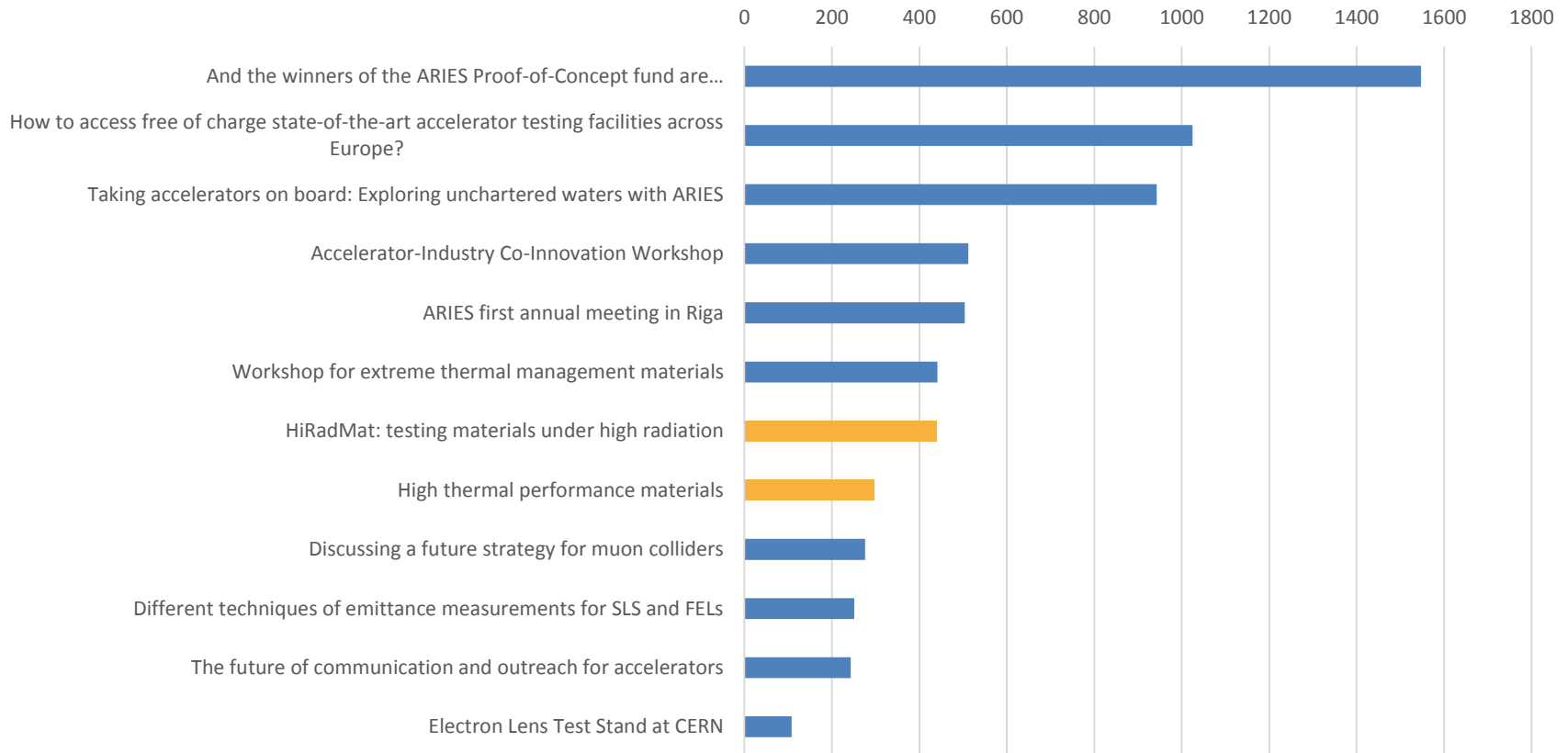
Newsletter: Accelerating News



Every issue of Accelerating News is followed by a peak in the visits to the website. Even so, baseline visits are increasing: more people visit out of publication season.

Newsletter: Accelerating News

Published in July 2018 and both article have already higher impact.



Every ARIES article published through Accelerating News.

Meetings

- Kick-off meeting (16 August 2017)
- Meeting 2 (16 Oct 2017)
- Meeting 3 (6 Dec 2017)
- **Task leader meeting (12 Dec 2017)**
- Annual meeting (May 2018)
- Meeting 4 (5 June 2018)
- **Task Leaders meeting (31 Oct 2018)**
- **Task Leaders meeting (5 Feb 2019)**
- Meeting 5 (22 Feb 2019)
- **Task Leaders meeting (5 Apr 2019)**
- Annual meeting (April 2019)

Support Tables

TOP 5 Most Viewed Pages

	2019	2018
1	/aries/	/aries/
2	/aries/content/poc-proposal-guidelines	/aries/content/call-proposals
3	/aries/content/aries-proof-concept-fund	/aries/content/aries-proof-concept-fund
4	/aries/content/work-packages	/aries/content/poc-proposal-guidelines
5	/aries/sites/aries.web.cern.ch/files/download/aries_poc_proposal...	/aries/contact