ACC Cyfronet AGH Newsletter

No. 6/2026

Hello!

The Cyfronet Open Day is coming up soon – one of the flagship events organised by our centre. This year we are changing the venue and format of the event to better tailor it to the needs of participants.

In this newsletter we also share the achievement of the AI LAB team from the National Information Processing Institute – National Research Institute, our partner in the Gaia AI Factory project.

Join us at the ACC Cyfronet AGH Open Day – 24.11.2026

Taking part in the Open Day is a unique opportunity to go behind the scenes of one of the most important computing centres in Central Europe, meet the experts working on groundbreaking technological projects, and connect with representatives of the worlds of science, administration, and business. It is also a great chance to discover the ins and outs of the work of ACC Cyfronet AGH specialists and to talk about opportunities for collaboration.

The programme will include:

- specialist training sessions,
- technology presentations,
- expert talks,
- the announcement of results of the Competition for the best doctoral thesis carried out using the computing resources of ACC Cyfronet AGH,
- our centre's stands,
- a partners' zone and networking.

Where and when?

- Kraków, Park Inn by Radisson hotel
- 24 November, training sessions from 10:00 a.m., main event from 4:00 p.m.

Full programme and registration:

Go to the registration page

Let's meet at the ACC Cyfronet AGH Open Day!

Polish ModernBERT – a Polish breakthrough in AI

Within the Gaia AI Factory, the Polish ModernBERT family of language models has been created – it sets a new standard for understanding the Polish language and is not just another chatbot, but a foundation for modern AI systems for business, administration, and science.

In studies covering 30 diverse tasks, the model achieved the best results among the comparable Polish models of this type, and its Base variant – capable of working efficiently even on standard CPUs – achieved better results while reducing the number of parameters by 22% compared to the reference model.

The model analyses documents of up to 8,000 tokens, which makes it an ideal solution for document classification systems, semantic search, or RAG – wherever thousands or millions of documents are processed every day, without the need to invest in expensive GPU cards.

» Read now

News within the LUMI AI Factory

Webinar: Is your data ready for AI and HPC?

We invite you to take part in an online meeting aimed at providing a practical overview of issues related to preparing data for HPC and artificial intelligence environments, as well as a presentation of the data services offered by the LUMI AI Factory.

Register now

A faster start to developing AI applications on LUMI

The LUMI AI Factory has prepared documentation to make it easier to efficiently use ready-made, preconfigured containers, which significantly facilitate the development of many applications using artificial intelligence on the LUMI infrastructure. This allows you to start working on AI workloads faster, without the need to install and configure software yourself.

» Learn more

Where can you meet us?

On 9 November we will be taking part in the Open Day of the Zabłocie Cluster.
This is an open event created for entrepreneurs, non-governmental organisations, dynamic startups, and all residents of Kraków.
In the exhibition space you will find us at a stand promoting the Gaia AI Factory and LUMI AI Factory projects. We invite everyone who wants to learn about the offer of two European artificial intelligence factories or find out more about Cyfronet's activities!

Where and when?
- Klaster Innowacji Społeczno-Gospodarczych Zabłocie Space, ul. Zabłocie 20, Krakó .
- 9. 1.2026, starting at 9:00 a.m.

» Detailed information about the event

Meetings with companies from the space sector

Gaia AI Factory is a partner of the "Meet the Company" series organised by the Faculty of Space Technologies at AGH University of Krakow. In the upcoming session, representatives of Thorium Space will share their knowledge about advanced satellite communication technologies and career opportunities in the space sector.

Event details:
Time and place: 4 November 2026, 3:00 p.m., AGH University of Krakow Campus, building D3, room 1.11
Event language: English

Online participation
Those who cannot attend in person will be able to take part in the meeting online via [Microsoft Teams].

On behalf of Gaia AI Factory, we invite everyone interested in the development of space technologies!

A broader perspective – building the European Open Science space

The EOSC (European Open Science Cloud) environment integrates data, services, and research tools from across Europe into a single coherent digital environment, compliant with the highest standards of quality, security, and openness (the FAIR principles).
EOSC is shaped by national, thematic, and e-infrastructure nodes. In Poland, the role of the national node is performed by EOSC Poland. Cyfronet, as one of the partners co-creating the node, brings to the project unique specialist expertise related to large-scale processing.
We encourage you to watch a recording that introduces the essence of how EOSC works and presents all the partners of the Polish node.

» Watch now

Open recruitments

Our centre is constantly growing and we are looking for specialists in the following areas:

- IT systems administration,
- design and training of machine learning and deep learning models,
- MLOps / DevOps,
- project coordination,
- project administration.

» See the details of the offers

» Previous editions of our newsletter can be found in the Archive

Kind regards,

The ACC Cyfronet AGH Team