

## EUROfusion's Fusion in Europe Newsletter, December 13, 2024

Fusion in Europe is the official newsletter of the [EUROfusion](https://euro-fusion.org) consortium for the realisation of fusion energy.



Dear Reader,

In this issue: EUROfusion welcomes the new Programme Manager, Dr. Gianfranco Federici, who will guide our mission into 2025 and beyond. We also celebrate a strengthened partnership with Fusion for Energy, setting the stage for accelerated R&D.

This issue reports on fruitful cooperation with ASIPP on the BEST tokamak's research plan, how we strengthened fusion collaboration at COP29 in Baku, Azerbaijan as well as the selection of twenty-one EUROfusion Engineering Grant recipients.

Finally, we spotlight cutting-edge developments: boronising tokamaks, stabilizing fusion plasmas, and advancing gyrotron technologies.

### Highlights

#### EUROfusion welcomes Dr. Gianfranco Federici as the new Programme Manager

At the 49th General Assembly held in Barcelona, December 2024, Dr. Gianfranco Federici was elected to be the new EUROfusion Programme Manager following a rigorous selection process. Dr. Federici succeeds Prof. Ambrogio Fasoli as he returns to EPFL to become its Provost.

<https://euro-fusion.org/eurofusion-news/eurofusion-welcomes-dr-gianfranco-federici-as-the-new-programme-manager/>



#### EUROfusion and Fusion for Energy strengthens collaboration

EUROfusion and Fusion for Energy have signed a Memorandum of Understanding (MoU) to strengthen the work together on fusion research and development.

<https://euro-fusion.org/eurofusion-news/eurofusion-and-fusion-for-energy-strengthens-collaboration/>



### News from EUROfusion

#### EUROfusion and ASIPP partners to advance the research plan of the BEST tokamak

EUROfusion delegation visited the Institute of Plasma Physics, Chinese Academy of Sciences (ASIPP) in Hefei, China, for an intensive four-day scientific and technical exchange to start the joint development of the Research Plan for the future BEST tokamak.

<https://euro-fusion.org/eurofusion-news/eurofusion-and-asipp-partners-to-advance-the-research-plan-of-the-best-tokamak/>



#### 21 exceptional engineers receive the EUROfusion Engineering Grant

The EUROfusion Engineering Grants (EEGs) aim to attract top early-career engineering talents to work on key technological challenges and develop skills that are essential to the European fusion programme.

<https://euro-fusion.org/eurofusion-news/21-exceptional-engineers-receive-the-eurofusion-engineering-grant/>



#### EUROfusion strengthens fusion collaboration at COP29

At the COP29 conference, held in Baku from November 11 to 22, 2024, EUROfusion reaffirmed its commitment to the ITER project, highlighting its pivotal role in advancing fusion energy research. EUROfusion's support is instrumental in preparing for ITER experiments and developing concepts for future fusion power plants, such as DEMO.

<https://euro-fusion.org/eurofusion-news/eurofusion-strengthens-fusion-collaboration-at-cop29/>



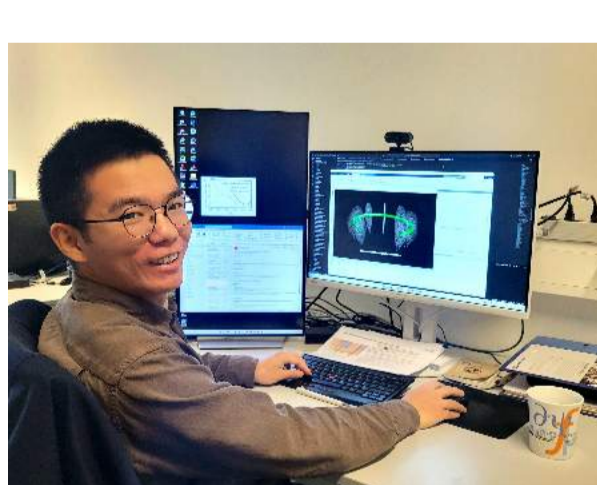
### Stories to read



#### Boronise your Tokamak

Tokamaks are at the forefront of nuclear fusion research, serving as experimental devices designed to achieve controlled thermonuclear fusion.

[Learn more](#)



#### Let the plasma calm itself

Numerical modeler Haowei Zhang (IPP, Germany) will use his 2025 ERG grant to study a calming process of self-organisation in fusion plasmas.

[Learn more](#)

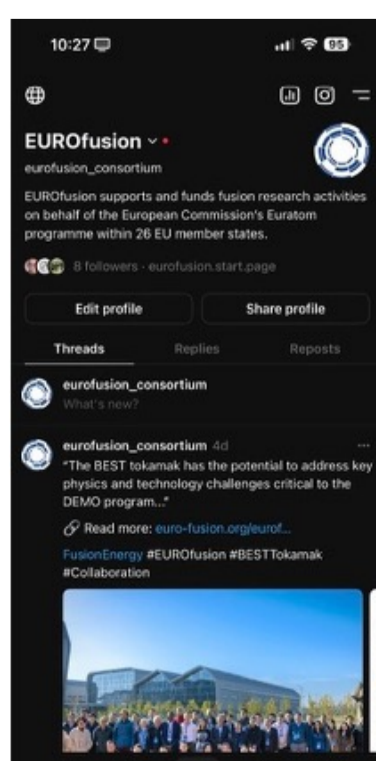


#### Advanced Gyrotron Technologies

As the demand for fusion energy grows, the development of gyrotron technology must keep pace with the increasing power and efficiency requirements.

[Learn more](#)

### Follow us on our new platforms



Our mailing address is:

EUROfusion Boltzmannstr. 2 Garching bei München 85748 Germany

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe](#)



This work has been carried out within the framework of the EUROfusion Consortium, funded by the European Union via the Euratom Research and Training Programme (Grant Agreement No 101052200 – EUROfusion). Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the European Commission can be held responsible for them.