

# FUSION IN EUROPE

NEWS & VIEWS ON THE PROGRESS OF FUSION RESEARCH

*Fusion in Europe* is the official newsletter of EUROfusion, the European consortium for the realisation of fusion energy. Every issue, we will bring you the latest news and views on the progress of fusion research in Europe.



Dear \*|IF:FNAME|\* \*|FNAME|\*, \*|ELSE:|\*reader,\*|END:|F|\*

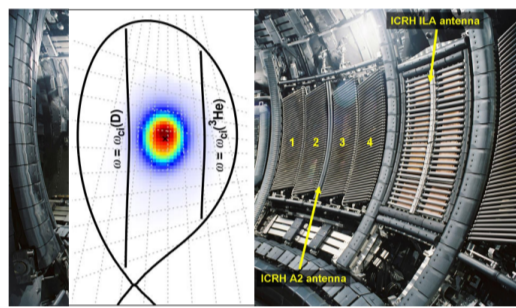
Welcome to the second issue of our newsletter *Fusion in Europe*! Read all about experimental fusion facilities (both new and celebrating 30-year anniversaries), EUROfusion research grants, the drive to better control plasma, how to hand-craft test particles and much more.

If you have a comment, suggestion for news or question you would like answered, please contact us at [news@euro-fusion.org](mailto:news@euro-fusion.org).

Introduce someone new to Fusion in Europe: forward this email along with a personalised recommendation, or share our announcements with your social networks on [Twitter](#) and [LinkedIn](#). Thanks for your support!

With best regards on behalf of the EUROfusion Communication team,  
Gieljan de Vries

This issue of Fusion in Europe:

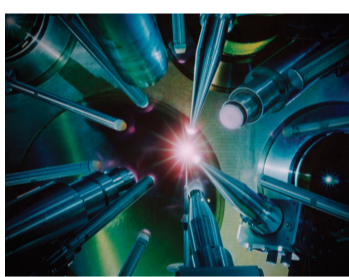


## Can three-ion heating calm fusion plasmas?

In *Physics of Plasmas*, a team of EUROfusion and US researchers show that there are still new tricks to be discovered when heating fusion plasmas.

## Hollowing out pearls with watchmakers' tools

Tiny hand-made pellets may show the way to tracking how unwanted impurities migrate throughout fusion plasmas.



## A hot idea: gold-streaked fusion implosions

Can you boost laser fusion by seeding the fuel with nanoparticles of gold?

## Testing fusion wall materials for ITER in JET

During its last campaign in 2020, the French WEST tokamak continued to put wall solutions for ITER to the test.



## EUROfusion press releases

- 16 Enabling Research projects granted
- E-TASC enables 19 theory and advanced simulation projects

## From the EUROfusion consortium

- **DIFFER, NL:** Peter Rindt nominated as New Scientist NL Science Talent
- **DIFFER, NL:** From trusting your intuition to strict control
- **DIFFER, NL:** Machine learning speeds up modelling nuclear fusion devices
- **EPFL, CH:** New high-performance computing hub aims to harness the sun's energy
- **IPFN, PT :** Three Enabling Research projects with IPFN participation
- **IPP, DE:** 30 years of ASDEX-Upgrade
- **UKAEA, UK:** New code will bring better power plant designs in a fraction of the time
- **UKAEA, UK:** CHIMERA to transform fusion component testing



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