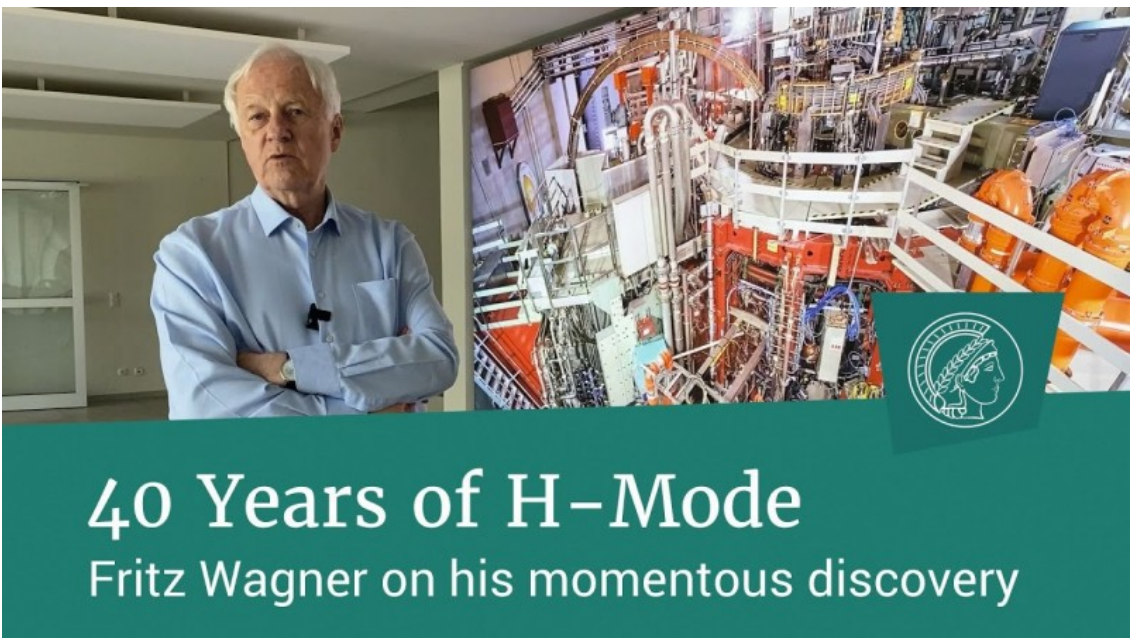




Fusion in Europe is the official newsletter of EUROfusion, the European consortium for the realisation of fusion energy. Each issue, we will bring you the latest news and views on the progress of fusion research in Europe.



Dear *[FNAME]*,

This issue of *Fusion in Europe* we have a lot to celebrate. Forty years ago on 8 November for example, the team at the European tokamak ASDEX published their discovery of what is now known as high-confinement or *H-mode*. This unexpected plasma behaviour greatly improves energy retention in fusion experiments and paved the way to ITER.

EUROfusion is also happy to welcome the first Norwegian laboratory to our programme. Read all about the plans of DYNAMO in Tromsø and about other fusion news in our new issue of *Fusion in Europe*.

Feel free to shoot us a message anytime at news@euro-fusion.org with your comments, suggestions and questions - we love to hear from you.

This issue of *Fusion in Europe*:

The discovery that made ITER possible

When a plasma unexpectedly isolated itself from its cold surroundings in 1982, it opened a new path to fusion. Celebrate forty years of H-mode with us:

Article | [YouTube](#) | [Twitter](#) | [LinkedIn](#)

Welcoming Norway's UiT to EUROfusion programme

The Arctic University of Norway (UiT) joins EUROfusion as an associate partner to our consortium.

The ice pellets that will calm ITER

The Hungarian Centre for Energy Research presents the first prototype of a system that will safely shut down the ITER plasma using icy pellets.

Liquid metal facility

The refurbished MaPLE facility at KIT lets researchers study the mix of molten metal and lead that will be used to breed tritium fuel in future fusion power plants.

- **The Project Podcast** - EUROfusion's Tony Donn  discusses what impact achieving fusion energy will have.
- **TEDxGenova** - Ambrogio Fasoli (EPFL and EUROfusion) presents a TEDx talk about building a star on earth (*in Italian*)
- **European Liberal Forum video** - Athina Kappatou (IPP) and Tony Donn  (EUROfusion) talk about the future of fusion energy with the ELF think tank.

Fusion Master Event

22-23 Nov - The FuseNet Master event is intended for all master's students in fusion-related fields of science.

SHARE AND COMMENT

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

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