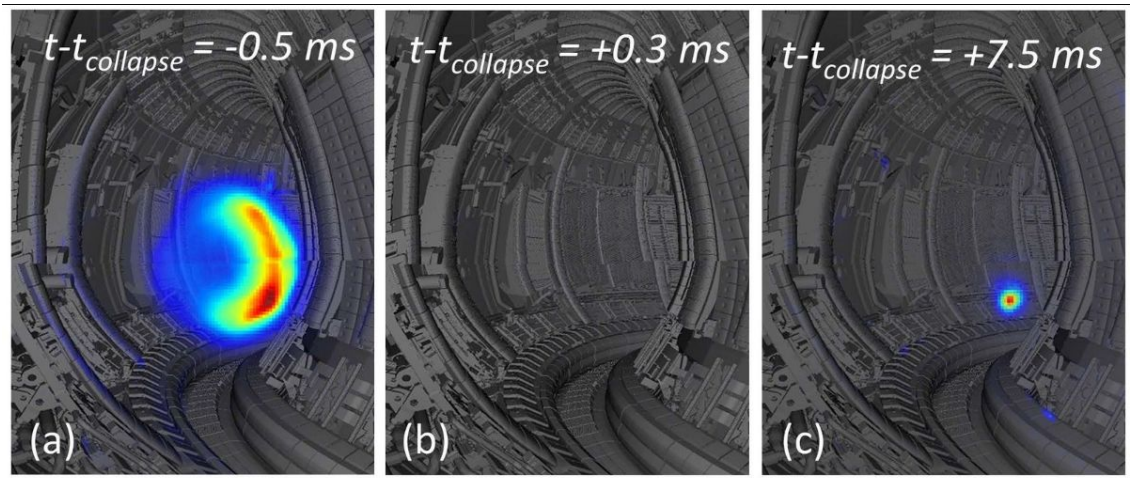




Fusion in Europe is the official newsletter of EUROfusion, the European consortium for the realisation of fusion energy. Every issue, we will bring you the latest news and views on the progress of fusion research in Europe.



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

Welcome to the June issue of our *Fusion in Europe* newsletter! At EUROfusion we're busy preparing for the landmark deuterium-tritium experiments coming up in the JET tokamak. First though, check out our stories about walls of liquid metal, the social sciences of fusion, icy electron airbags and more from EUROfusion, our members and our partners.

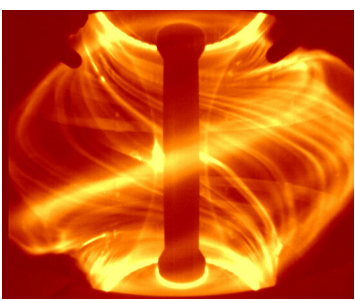
Don't forget to shoot us a message at news@euro-fusion.org if you want to comment, suggest news or send in a question!

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

This issue of Fusion in Europe:

Eleven EUROfusion Researcher Grants awarded

ERG grants let post-doc researchers develop innovative ideas and techniques to advance EUROfusion's Roadmap to Fusion Energy.

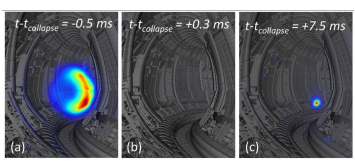


Bursting the bubble of artificial solar flares

Triggering artificial solar flares early may help protect the inner wall of fusion devices, show EUROfusion researchers.

Symposium: social fusion science

Is fusion research just a science and technology story? A symposium on 18 June 2021 explores the historical, social, diplomatic and economical sides of fusion.

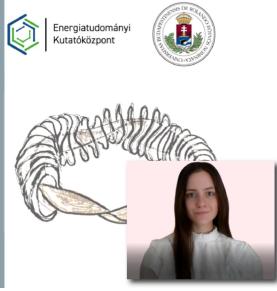
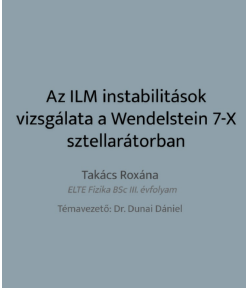
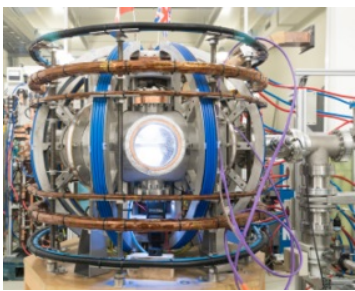


An icy airbag for runaway electrons

A new braking technique can protect future fusion devices from damage by fast electrons erupting from their 150-million-degree plasma.

Danish universities join fusion forces

The new DANfusion consortium brings together groups from four Danish universities to strengthen the nation's fusion research.



Hungary's secret to growing top fusion talent

Young fusion researchers shine in the 35th student competition for Hungarian university students.

From EUROfusion Members and Partners

- **CAS, Czech Republic:** A surprising scenario to protect against runaway electrons
- **DIFFER, Netherlands:** Facility Grant for Testing Liquid Metal Reactor Walls
- **DTU, Denmark:** DTU Heads New Danish Fusion Collaboration
- **F4E, EU:** ITER construction site moving in the fast lane
- **F4E, EU:** Virtual Reality Guides Engineers to Perform ITER Maintenance
- **F4E, EU:** Meet the new HELZCA facility for testing ITER In-Vessel Components
- **FuseNet, EU:** No Consequences of Brexit for UK EUROfusion Students in 2021
- **FuseNet, EU:** High-Performance Computing and GENE-3D
- **IPFN, Portugal :** How Remote Handling for ITER Enables Autonomous Robots
- **IPP, Germany:** Helmholtz Doctoral Award 2020 for Outstanding PhD Work
- **IPP, Germany:** Successfully Mitigating Plasma Instabilities
- **IRFM, France:** A novel Antenna for Ion Cyclotron Heating
- **IRFM, France:** Un «airbag» de deutérium (in French)
- **KIT, Germany:** Printing Tungsten Components by Electron Beam Melting
- **LEI, Lithuania :** LEI researcher Simona Breidokaitė Joins FEC2020 Women in Fusion Event
- **UKAEA, UK:** UK's prototype fusion energy plant is one step closer to finding a home
- **UKAEA, UK:** First look at Yorkshire Fusion Technology Facility



- **Financieel Dagblad:** Nieuwe mijlpaal voor kernfusie (in Dutch)
- **Le Monde:** Un airbag glacé pour protéger le futur réacteur à fusion nucléaire ITER (in French)
- **Seeker.com:** This Fusion Fuel Experiment Will Bring Us One Step Closer to Ignition



This Summer: FuseNet collected the Many Fusion Summer Schools

- **24 June:** FIA webinar on Mobilizing Investment into Fusion
- **21-25 June:** 47th EPS Conference on Plasma Physics
- **13-15 Sept:** 18th International Workshop on Plasma Edge Theory in Fusion Devices
- **26 Sept - 1 Oct:** 5th Asia-Pacific Conference on Plasma Physics
- **24-29 Oct:** International Conference on Fusion Reactor Materials
- **30 Nov - 2 Dec:** World Nuclear Exhibition (WNE) 2021

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.

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!



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