

# EuCARD-2

Enhanced European Coordination for Accelerator Research & Development

## Newsletter

# Accelerating News Issue 16

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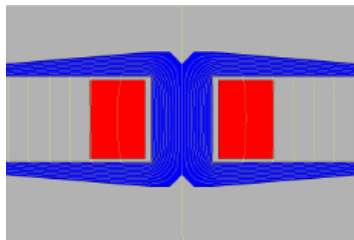
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## Welcome Issue #16

In this issue of Accelerating News we bring you lots of great stories including: the first design concept for the FCC-ee main dipoles; exciting news on the 11T project for the HL-LHC, the development of HTS TI-based coatings for the FCC beam screens, new installation for LINAC4, a summary on the latest accelerator energy efficiency workshop, a feature on arrival of the SESAME magnets to Jordan and so much more. After serving as Editor-in-Chief for almost four years, I also say farewell as I begin a new endeavor. I would like to give my very special thanks to all my co-editors and pass the baton to Panos Charitos. I wish him and his team all the best stories to share with you in the upcoming issues!

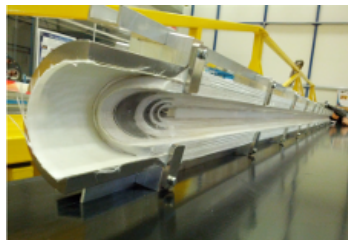
**Agnes Szeberenyi, Editor-in-Chief**



### First concept for FCC-EE main dipoles

The FCC study has presented its first design concept for the main bending magnets of the FCC-ee project.

[Read more](#)



### Successful tests of 11T dipole at CERN

A smaller, more powerful dipole to be used in the HL-LHC has been successfully tested at CERN.

[Read more](#)



### FP7 CESSAMag and science diplomacy

CESSAMag welcomed engineers from Iran, Pakistan & Turkey to work on SESAME facility components.

[Read more](#)



### HTS TI-based coatings for FCC beam screens

A new collaboration to develop HTS coating based on thallium cuprate for the FCC beam screens.



### Accelerator energy efficiency workshop

EuCARD2's WP3 held a workshop with the goal of improving proton driver accelerator energy efficiency.



### LINAC4 ready to go up in energy

The LINAC4 project prepares for installation of new accelerating structures to help reach targeted beam energy.

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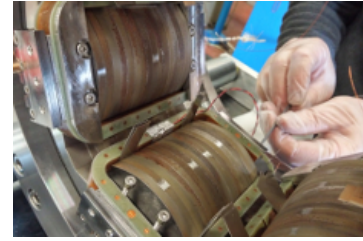

### ICTR-PHE2016: Accelerators for health

The 3rd ICTR-PHE conference presented new research on the use of physics for cancer treatment.

[Read more](#)


### Accelerator reliability training programme

FCC launched a training programme in accelerator reliability and availability engineering at CERN.

[Read more](#)


### HL-LHC corrector magnet tested

Testing of superferric sextupole magnet shows it can meet requirements of HL-LHC upgrade project.

[Read more](#)

Be sure to check the [Accelerating News website](#) for event updates and the latest headlines about accelerator science and related disciplines.

We hope you enjoy this issue and don't forget to tweet about it using [#acceleratingnews!](#)

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