

IAEA Learning Resources in Fusion: Educating the Next Generation of Fusion Experts

Virtual Side Event

Tuesday, 11 May 2021, 12:45-13:45 CEST

Over the last years, fusion has been advancing quicker than ever before and more experts are needed now in this field to help accelerate scientific and technical progress to achieve the goal of commercially viable fusion energy. An IAEA publication entitled “Fundamentals of Magnetic Fusion Technology”, established in cooperation with the European Fusion Education Network (FuseNet), provides information on the basics and recent advancements in fusion technology and will contribute to educating the next generation of fusion experts.

The textbook addresses recent scientific and technological progress in fusion and features specialized chapters written by experts in the field, presenting the main research and development concepts and design options in fusion technology. This publication is a comprehensive reference for Master and PhD students and complements another IAEA textbook entitled “[Fusion Physics](#)”.

The speakers at the event will make brief presentations on why advancing fusion technology is key to achieving commercially viable fusion energy and will highlight how this textbook can inspire students to follow a career in fusion.

Speakers at the event include:

- Mr Alexis Devitre, Student, Massachusetts Institute of Technology, United States
- Mr Christian Day, Head of the Department of Vacuum, Karlsruhe Institute of Technology, Germany
- Mr Gianfranco Federici, Head of the Technology Department, EUROfusion, Germany
- Mr Guido Van Oost, Professor, Emeritus of Ghent University, Belgium (Editor of the book)
- Mr Samuel Jimenez, Lead Research Engineer, UK Atomic Energy Authority, United Kingdom

Ms Sehila Gonzalez De Vicente, Nuclear Physicist at the IAEA and Editor of the Book, will moderate the event.