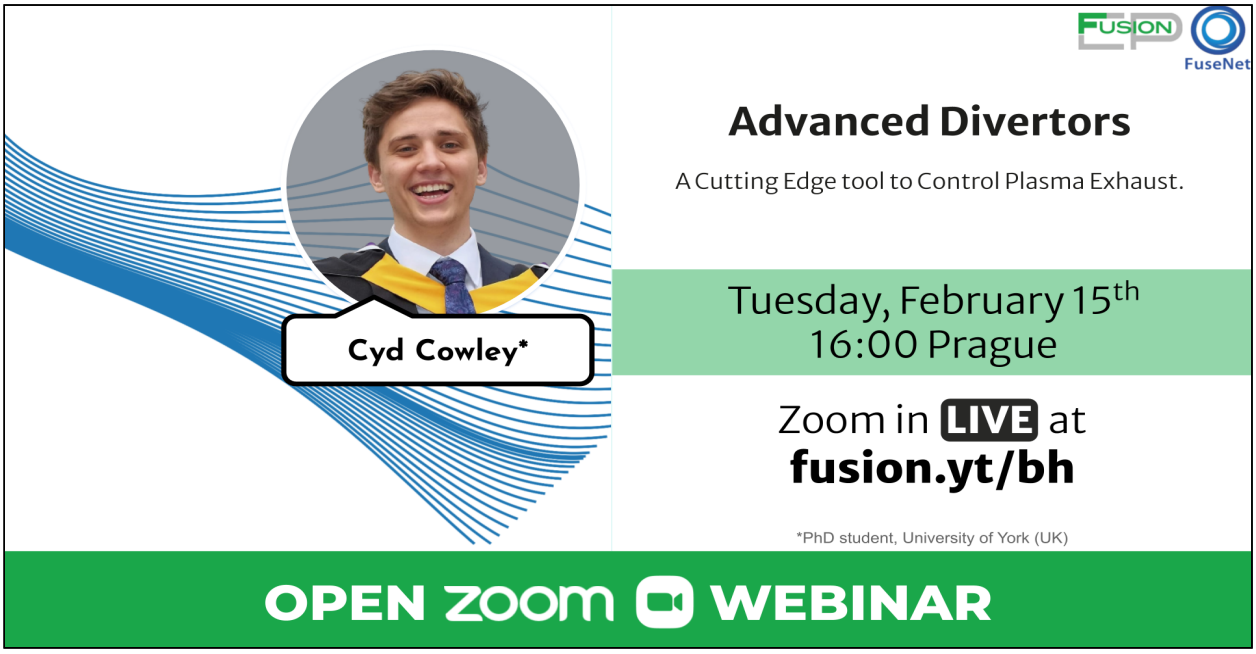
FusionEPTalks



Click for the last updated version | Click to Add to Calender

Click to Join via ZOOM Password: 3D1300A3

Title: Advanced Divertors

Speaker: Cyd Cowley

When: 2022-02-15 16:00:00

Abstract: The idea behind magnetic confinement fusion is to create a well-confined star-like plasma on Earth. Eventually, however, the fusion plasma in our devices must touch the surrounding material, which can pose significant challenges given that plasma can reach temperatures up to 10 times hotter than the core of the sun. In an attempt to reduce and control this plasma exhaust, advanced divertors have been proposed, which implement novel magnetic or geometric topologies of the plasma. Taking advantage of divertor and detachment physics, advanced divertors and their features may be crucial for safe operation of next-generation tokamaks.

Email: fusionep-talks@egyplasma.com

Website: fusionep-talks.egyplasma.com