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Helicon plasmas in Fusion

Fusion EP

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Title: Helicon plasmas in Fusion

Speaker: Foisal B.T. Siddiki, MSc - Fusion-EP and IPP Garching alumnus (BD)

When: 2020-03-12 19:00:00

Abstract: Helicon plasma are efficient high-density ($\sim 10^{20} \text{ m}^{-3}$) plasma sources with a wide range of applications, ranging from plasma propulsion to nuclear fusion. After many decades of research, certain features of helicons remain mysterious. The talk will give a basic description of helicon plasmas and their applications. The speaker will also describe some of the latest results obtained by the helicon source facility at Max-Planck Institute for Plasma Physics, Garching.

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