Institute for Fusion Theory and Simulation, School of Physics, Zhejiang University

Physics of Alfvén waves and energetic particles in burning plasmas - Fall 2026

Announcement

Lecture Plan and Teaching Material

Abstract: These two Lectures are intended to provide introductory material to the Physics of Alfvén waves and energetic particles in burning plasmas, with emphasis on the role of kinetic Alfvén waves.

Lectures:

(I) Physics of Alfvén waves and energetic particles in burning plasmas (Lecture 1)

(II) On the kinetic continuous spectrum in toroidal plasmas (Lecture 2)

Lecture Notes: Available in electronic form. A list of specific reading material is also given. Should you have difficulty in finding literatures and papers, please contact me at fulvio.zonca@enea.it.

Time and Location: Lectures (2pm-4pm) will be held in room 322 on November 16-23.

DOWNLOAD ACROBAT READER