

Seminar

Institute for Plasma Research

Title : Towards Steady State Operations: Ongoing initiatives in contemporary Tokamak & Stellarator devices

Speaker : Dr. Subrata Pradhan
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Date : 11th June 2015 (Thursday)

Time : 03.00 PM

Venue : Seminar Hall, IPR

Abstract:

EAST (China), KSTAR (Korea), QUEST (Japan), JET (EU) and SST-1 (India) are some of the present day experimental Tokamak devices concentrating on long duration plasma experiments. LHD (Japan) is also pursuing at plasma operations at Steady State being a stellarator. WEST (France), JT-60 SA (Japan) and W7-X (Germany) are some of the machines currently under construction, which would also be devoted to the 'steady state operational scenarios'. This talk shall summarize the current physics and technology considerations which are either pursued or planned in some of these experimental machines. At the end, the talk shall also briefly outline some of the SST-1 specific plans and initiatives.
