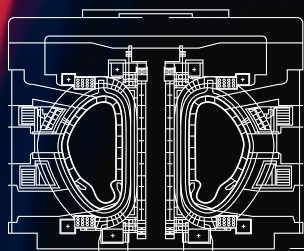


16TH ITER INTERNATIONAL SCHOOL



30 Nov - 4 Dec 2026
Bengaluru, India



TOKAMAKS AS FUSION REACTORS

As the first experimental fusion reactor, ITER will pave the way for the first commercial tokamak reactors with net production of electricity. To reach this goal several scientific and technological challenges need to be addressed and resolved, for which ITER is a crucial first step. The school will cover **a broad range of topics related to tokamak fusion reactor physics and technology**, such as plasma confinement, heat and particle exhaust, integrated control and operation, integrated modelling and digital twins, plasma-materials interaction, superconducting magnets technology, neutron shielding, and tritium breeding.



Jointly hosted by

The Institute for Plasma Research (IPR), Gandhinagar

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