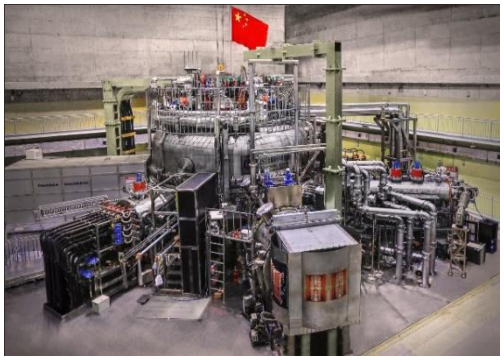

EAST (the Experimental Advanced Superconducting Tokamak)

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EAST is for FUSION RESEARCH.

EAST, constructed and operated by Hefei Institutes of Physical Science, Chinese Academy of Sciences (HFIPS), is a fully superconducting tokamak to address challenges at fusion research forefront. Its mission is to conduct both fundamental physics and engineering researches on advanced tokamak fusion reactors with a steady, safe and high performance, to provide a scientific base for experimental reactor design and construction, and to promote plasma physics study and develop its related technologies.

EAST is UNIQUE.

Among and also different from the world's existing Tokamak facilities, EAST is unique for its three distinctive properties, namely non-circular cross-section, fully superconducting magnets and fully actively water-cooling plasma facing components that benefit exploration for advanced steady-state plasma operation modes.

EAST is INDISPENSABLE.

EAST plays an indispensable role in world's fusion research for the direct experience it offers to International Thermonuclear Experimental Reactor project (ITER) construction since it can be an important experimental test bench for plasma science and technology on critical issues affecting ITER in both the near and long term.

EAST is OPEN worldwide.

"Open to share, fusion for future". EAST holds its core value of openness by a global calling for experimental proposals each year since its completion in 2006. Now EAST runs three-shifts on Asia, EU and American time zones, providing more opportunities for its collaborators at home and abroad.