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Science Island Express

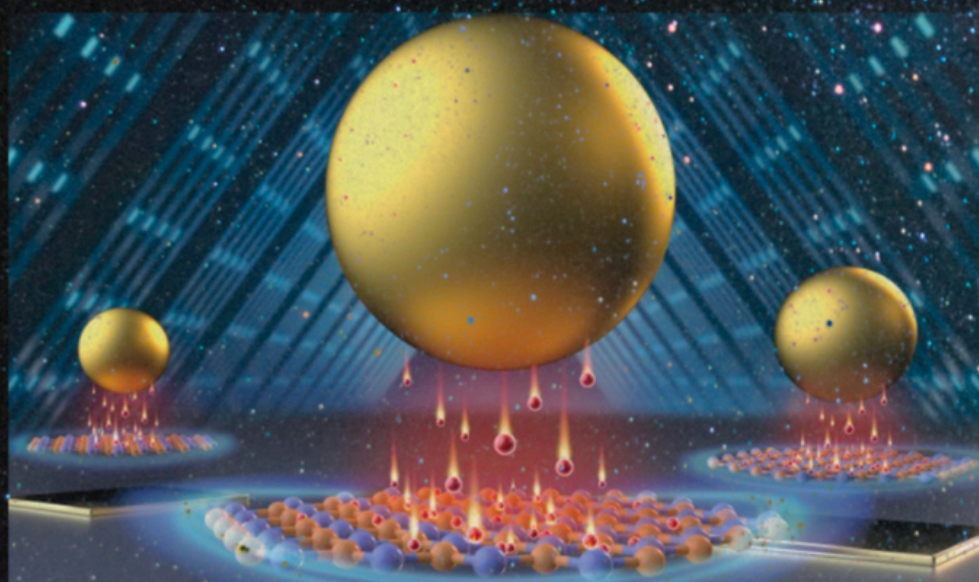
The Science Island Express delivers the most recent happening at HFIPS.

ENERGY •



On April 12, the first 403-second steady-state H-mode plasma was achieved on Experimental Advanced Superconducting Tokamak, one of HFIPS's scientific facility, setting a new record of pulse length on high performance operation in tokamaks. On the second day, the operational scenario was repeated, demonstrating the reliable capability of the device.

MATERIAL •



HFIPS researchers sandwiched hexagonal boron nitride as a gap spacer in a nanoparticle-on-mirror structure to effectively block electron tunneling, an effect weakening the surface-enhanced Raman spectroscopy detection.

• SPACE DAY OF CHINA



The Space Day of China this year will fall on April 24. HFIPS takes part in the celebration of the big day by being a part of many China's space programs with payload developing.

