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# Science Island Express

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

## MATERIAL

HFIPS researchers designed a portable smartphone platform to realize on-site, sensitive and quantitative visual detection of IPA in exhaled breath for preliminary monitoring and clinical diagnosis.



## ENERGY

EAST team developed Corner Slot divertor upgraded in both shape and material to realize a dramatic improvement in power handling capability, a big factor behind EAST recent record.



## New Academician

HFIPS fusion scientist Baonian Wan, now Chief Scientist of ASIPP was elected member of the Chinese Academy of Sciences as the CAS officially released its 2021 new-elected members last week.



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