

October 2021
NO.12

Science Island Express

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

ENVIRONMENT



HFIPS was happy to join China's 12th Arctic scientific expedition by providing environmental detection equipment aboard the research vessels. HFIPS also participated in the polar scientific mission conducted at Arctic Yellow River Station in 2010, 2011, 2015 and 2018.

HFIPS researchers reported a new homemade Nd:YAG crystal rod that contains a gradient dopant of 0.39–0.80 at.% Nd³⁺ from end to end, achieving superior performance of a 2 kHz Nd:YAG pulse laser at 1064 nm.

HEALTH



ENERGY

EAST IAC 2021 was held via video conferencing from October 20 to 22 with nineteen fusion experts participating in to evaluate EAST progress and its future plan to address key issues for steady-state advanced high-performance H-mode plasmas.

The meeting, held as scheduled after a major upgrade of the machine, stands out in EAST development considering the uncertainty of pandemic.



Watch CRAFT campus which started the construction in the end of 2018.

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