Technical Meeting on Synergies in Technology Development between Nuclear Fission and Fusion for Energy Production

Friday, 10 June 2022

6. Fission-fusion hybrid systems - CR6, 7th Floor, C Building (10:00 - 11:20)

time	[id] title	presenter
10:00	[79] Overview: Fission-fusion hybrid systems	WANG, Minghuang ARTISYUK, Vladimir WU, Yican
10:20	[7] NUCLEAR FUEL PROCESSING USING FAST FUSION NEUTRONS PRODUCED IN A SPHERICAL TOKAMAK.	NIETO-PEREZ, Martin
10:40	[14] THE CONCEPT OF PLASMA-FOCUS DRIVEN FUSION-FISSION HYBRID REACTORS	SOTO, Leopoldo
11:00	[48] Overview and Prospects for Fusion Fission Hybrid System Development in China	WANG, Minghuang

6. Fission-fusion hybrid systems: continued - CR6, 7th Floor, C Building (11:30 - 12:50)

time	[id] title	presenter
11:30	[16] PILOT HYBRID EXPERIMENT WITH REVERSED FIELD PINCH AS NEUTRON SOURCE AND DOUBLE FISSION TEST BEDS: AN INNOVATIVE STAGE APPROACH TOWARDS A FULL POWER FUSION-FISSION HYBRID REACTOR	PIOVAN, Roberto
11:50	[17] Hybrid fusion-fission system based on a compact tokamak device with proven technologies	GATTO, Renato
12:10	[23] FUSION-FISSION HYBRID REACTOR BASED ON HIGH FIELD TOKAMAK NEUTRON SOURCE	ORSITTO, Francesco
12:30	[11] NEUTRON SPECTRA IN FUSION-FISSION HYBRID REACTOR (FFHR) FOR SPENT FUEL TREATMENT	GERVASONI, Juana