

**Session Program**

**10–13 Jun 2025**

**Ninth DEMO and Fusion Plants Workshop**

***Magnets***

Aomori, Japan

## Tuesday 10 June

09:30

### Magnets

Session | Location: Aomori, Japan

09:30–09:40 Introduction - Day 1

#### Speaker

Nagato Yanagi

09:40–10:15 Current status of LTS and HTS wires for high field applications

#### Speaker

Satoshi Awaji

10:15–10:55 HTS Magnets Development for the UK's STEP Programme

#### Speaker

Ezzat Nasr

10:55

11:10

### Magnets

Session | Location: Aomori, Japan

11:10–11:50 Magnet development for national project (JA DEMO)

#### Speaker

Hiroyasu Utoh

11:50–12:30

Recent Challenges on REBCO Conductor and Magnet for High Field Applications and Fusion

#### Speaker

Seungyong Hahn

12:30

13:50

### Magnets

Session | Location: Aomori, Japan

13:50–14:30 Cold test facilities for fusion magnet at ASIPP

#### Speaker

Huajun Liu

14:30–15:10 SUCCEX, 16 Tesla Superconducting Conductor Test Facility

#### Speaker

Keeman Kim

15:10

15:25

### Magnets

Session | Location: Aomori, Japan

15:25–16:05 Neutron Irradiation Effect on Superconductivity of ReBCO Tapes

#### Speaker

Arata Nishimura

16:05–16:25 Discussion

16:25-16:30

**Summary of the session – Status and prospects of fusion magnet development in the world –**

**Speaker**

Nagato Yanagi

16:30