**TG Edge&Divertor**

**Subgroup Fueling & Exhaust**

**Gas fueling proposal discussion**

**22.03.2022 from 1001 to 1059**

**Attendees:**

Thierry, Philipp, Erik. Golo from 10:15, Victoria and Erhui from 10:25

**Agenda:**

Helium and Neon beam commissioning proposals – Erik

Bootstrap current effect proposals – Philipp

What is still missing? – Thierry

**Comments:**

He and Ne beam commissioning:

Include all Neon admixes

Add Neon puff in the last second of attached operation

Bootstrap current effects:

Increase in He due to continuous puffing might make the analysis difficult

Reference discharge with and without He should be done.

Neon could be an option

Do these experiments at lower/medium density to get a higher toroidal current.

**Action items:**

Check with Thilo, Philipp, Erik: How much helium can be puffed until an effect on the main plasma is observable?

Thierry, Erhui: Check how gas fueling as recycling proxy proposals can be combined

Golo, Maciej, Thierry: Gas fueling with peaked profiles with O2 heating and in combination with pellets.