



Contribution ID: 42

Type: **Oral presentation**

The Multi-Beam IOT developments for ESS

Thursday 23 June 2016 11:00 (30 minutes)

The high beta section of the ESS linac requires 84 RF sources which each have to deliver 1.1 MW to the beam plus a power overhead capability for losses and regulation requirements. This talk will summarise the main reasons for funding the IOT developments for this part of the linac, present the outline IOT design and simulation results. Additionally, a selection of key results from the first prototype will be presented.

Summary

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Session Classification: IOTs