



Contribution ID: 48

Type: **Oral**

Operation of S-DALINAC for more than 30 Years by Students

Wednesday, October 3, 2018 1:30 PM (30 minutes)

The superconducting, recirculating electron accelerator S-DALINAC has been built in the 1980s at TU Darmstadt. The first beam was achieved in 1987 and since 1991 it is in full operation. The operation as well as further development and improvements of the machine are done mainly by students. This educational aspect leads to exchanging operators after a maximum of a few years. A lot of effort is done to conserve knowledge over the time. The training of new operators is essential, as they are involved not only in the operation but also in the maintenance of the machine. This contribution will give an overview on our way to operate an accelerator at a university and how we constantly develop our machine to keep it up-to-date with the needs of the experiments.

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Session Classification: Aging Machines

Track Classification: Aging machines – dealing with legacy machines, fleeting knowledge