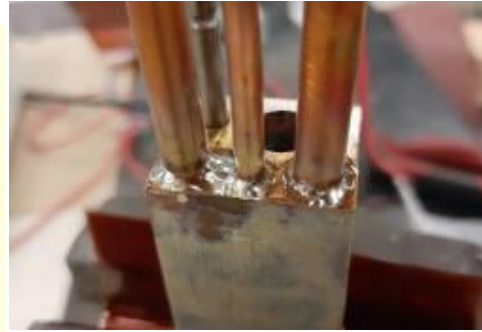
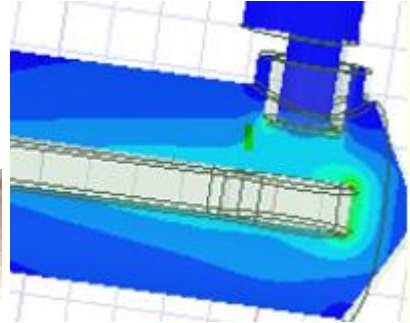
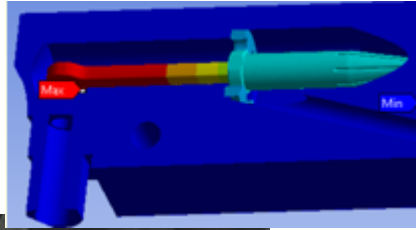


IFAST Task 12.3. Internal Ion Source for Cyclotrons



- Task 12.3: Design, fabrication and test of RF based compact ion source for cyclotrons
- Possible advantages: lower cathode wear, better efficiency, no high voltage system
- Design, fabrication and installation of ion source on test bench completed
- **MILESTONE:** first plasma ignition: **achieved** in September'2023
- **DELIVERABLE:** final report: **submitted** in November'2023, after a 6 months extension asked for in March'2023
- Future work: evaluation of efficiency and cathode wear

