

The Golem tokamak for education and training \approx 6 years at service

Jan Mlynar on behalf of Vojtěch Svoboda, et al.
for IBA 2015 (briefly)

September 23, 2015

Forecast 2014/2015 → Inventory

- The night of scientists I (next Friday) ✓.
- Training courses: FUMTRAIC IV ✗(administrative problems), GOMTRAIC III (hopefully) ✗(no free energy), SCIWTRAIC V ✓, HUNTRAIC IV ✓, SUMTRAIC@GOLEM VII ✓.
+EMTRAIC@GOLEM II ✓.
- Remote demos: Padova, TU Denmark, Ahmedabad, Poland.
- IAEA joint experiment ✓.
- Bachelor thesis ? ✓/✗.
- Diploma thesis II completed ✓+III completed.
- Papers: FUSENGDES 2x ✓, AJP .. ? ✗(no free energy) +NF ✓.
- +IAEA TM (Ahmedabad) presentation.
- +Practicum for bachelor level students.

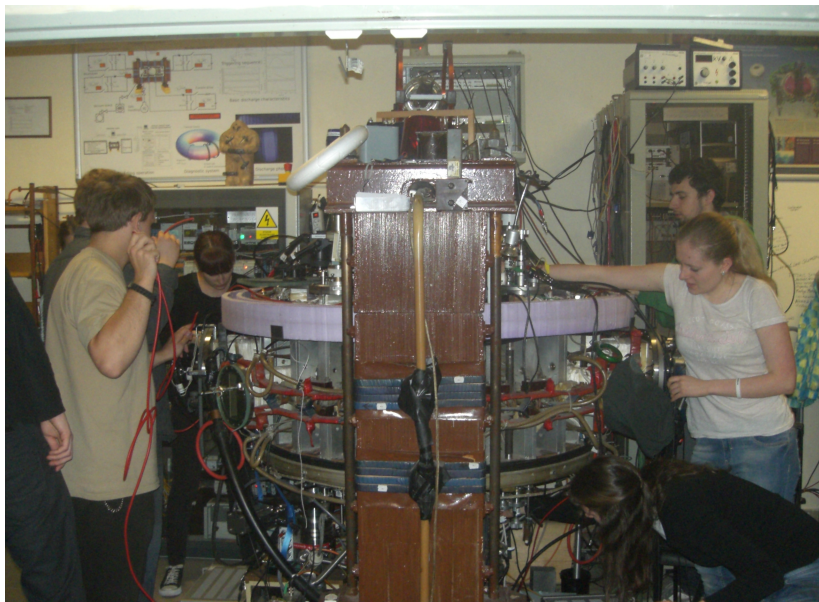
Current status

- Electron density measurement achieved!
- Vacuum problem (a hole in the vessel?). Historical copper shell prevents easy repair.
- New (HTS support?) vessel in consideration.

Forecast 2015/2016

- The Night of Scientists II (today).
- FUMTRAIC IV, SCIWTRAIC VI, HUNTRAIC V, SUMTRAIC@GOLEM VIII, EMTRAIC@GOLEM III.
- Bachelor thesis ?
- Diploma thesis IV cont.
- papers in FUSENGDES, AJP .. ?
- IAEA TM (Prague) presentation.
- PhD event GOLEM presentation.

Highlight 2014/2015 - HANDS ON TOKAMAK (Bachelor level students)



Acknowledgement

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