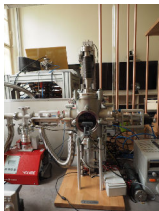


Pracoviště č.4: tokamak GOLEM

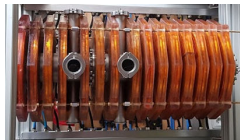
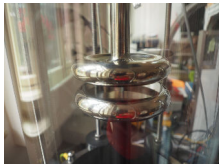
Vojtěch Svoboda

Tokamak GOLEM jako vrchol PlasmaLab pyramidy

Průřazové studie



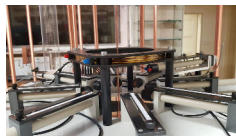
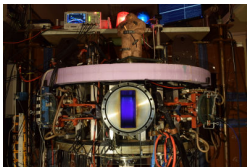
Sondová
měření



Magnetická
past

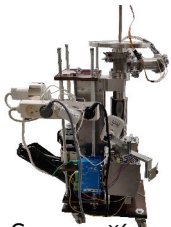


Interferometrie



Magnetická
měření

Tokamak GOLEM - jeho technologické a diagnostické povýšení



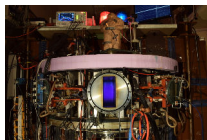
Servem řízený
manipulátor



Interferometrie



10xKepco
zesilovač

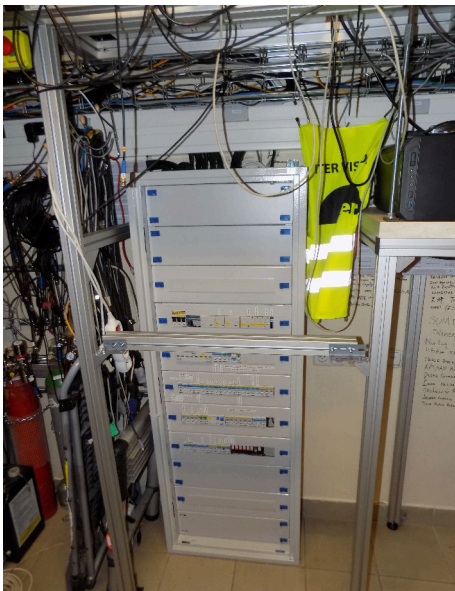


Diagnostický
systém pro
studenty

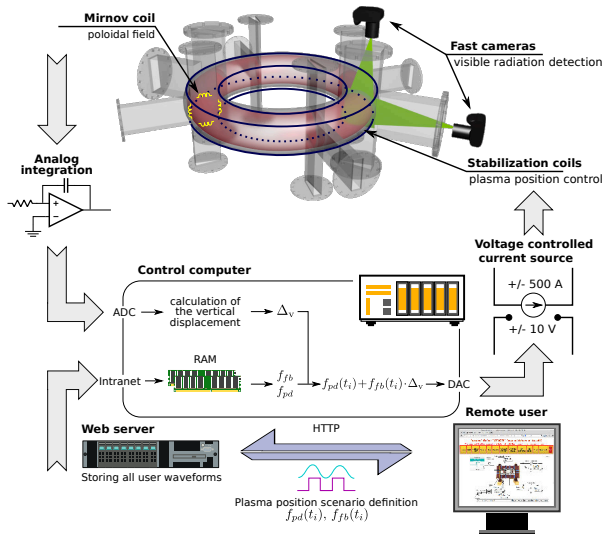


2xRychlé
kamery

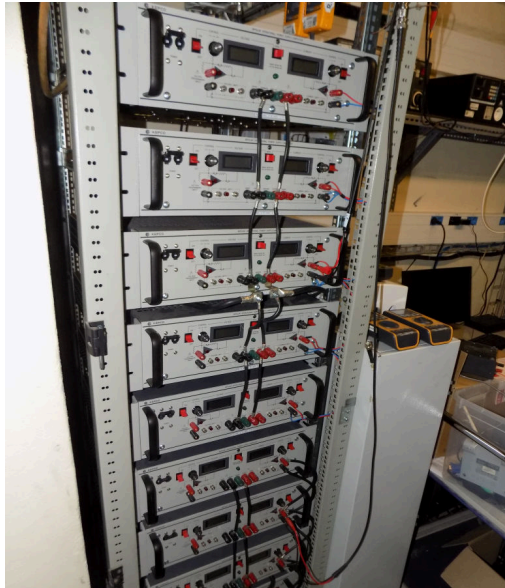
Sada silnoproudých stykačů a IT komponent jako podpora k dálkovému ovládní technologických komponent.



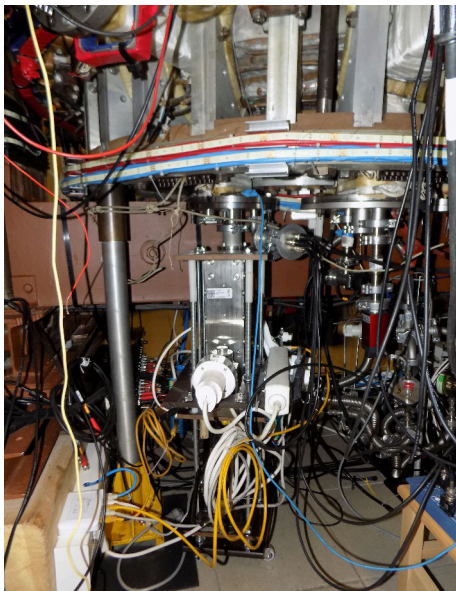
Plasma position stabilization



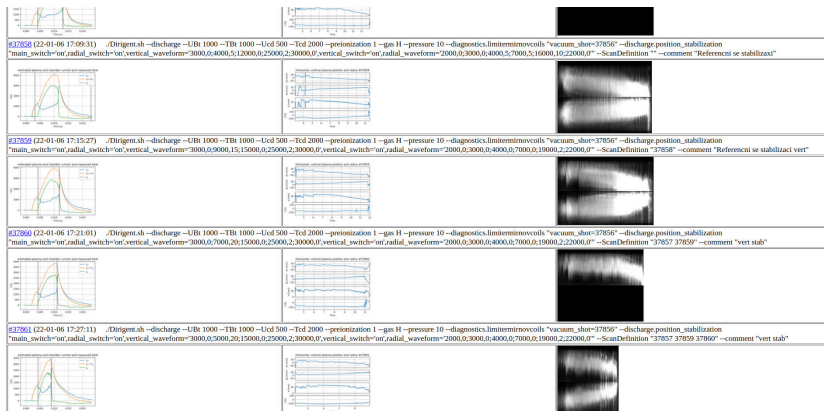
Martin Humpolec (Daniela Kropáčková). External plasma stabilization. SOČ 2022



Motorový manipulátor pro pokročilá elektrostatická sondová měření



01/22 Martin Humpolec & Daniela Kropáčková: commissioning

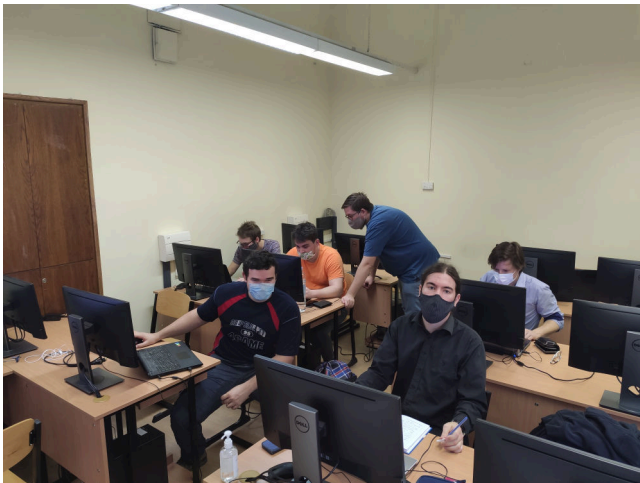


<http://golem.fjfi.cvut.cz/shots/37895/Analysis/Homepage/psql/ShotsOfTheDay.php>

Remote education: Torino, December 2020



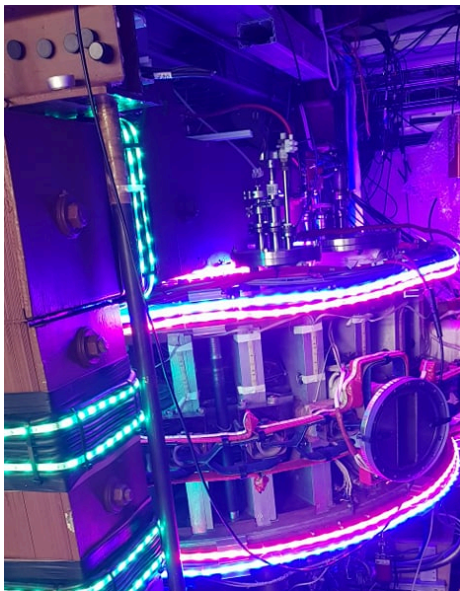
Remote Education: Budapest, November 2020



Remote Education: Kalea Wen: "SOČ" from USA



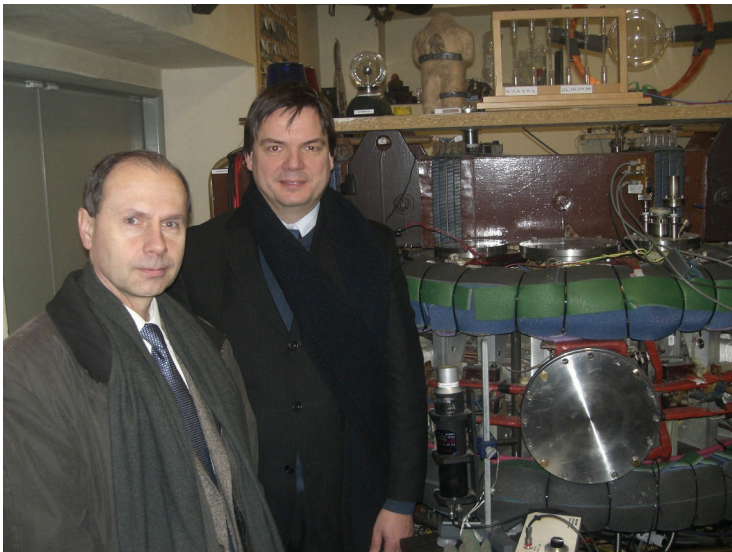
Světelná vizualizace technologických komponent tokamaku Golem a elektromagnetických polí pomocí LED pásů



Poděkování: Honza I

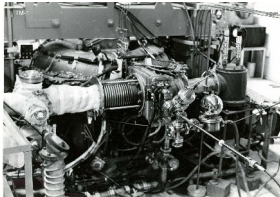


Poděkování: Honza II



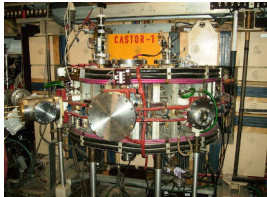
Děkuji za pozornost

Tokamak TM1
@Kurchatov Institute near Moscow
~1960-1977



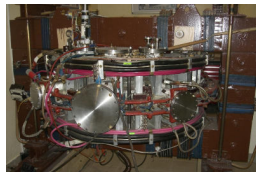
SCIENCE

Tokamak CASTOR
@Institute of Plasma Physics, Prague
1977-2007



SCIENCE
& education

Tokamak GOLEM
@Czech Technical University, Prague
2007-



EDUCATION
& science

... with the biggest
control room
in the world ..

Tokamak Golem **REMOTE**** for MASTER (Level 1)**
The smallest & oldest operational tokamak with the biggest control rooms in the world

Home	Wiki	Control Room	Queue	Live	Results	GOLEM Diagram	Chamber status	IP cameras	3D model	Chat	Feedback	Stop
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LEVEL 1

Preionization (electron gun)
Proton
Toroidal magnetic field
Current drive
Vacuum stand
GAS handling
Working Gas

Discharge comment

Place the discharge setup into the queue.