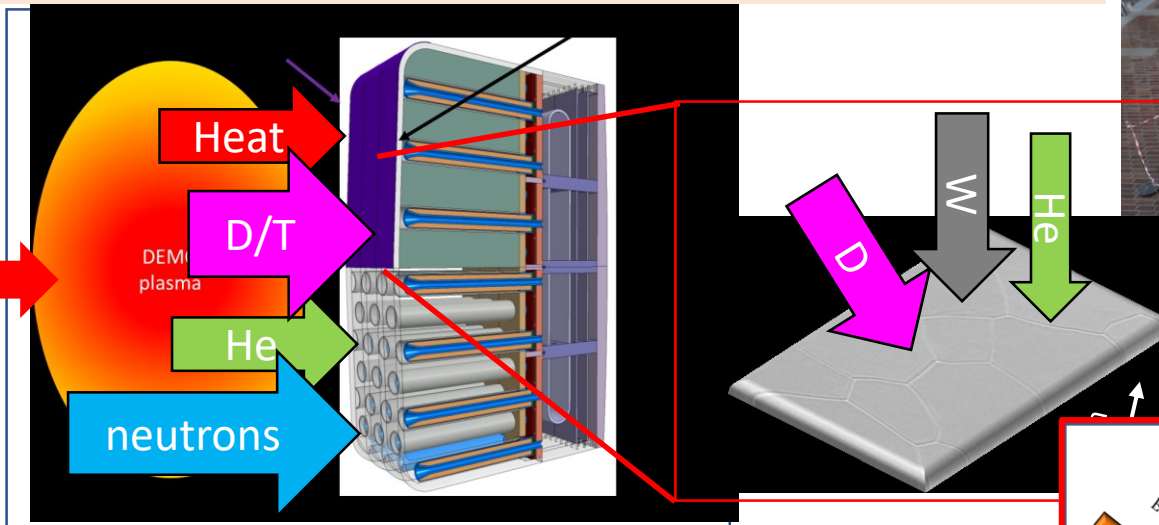
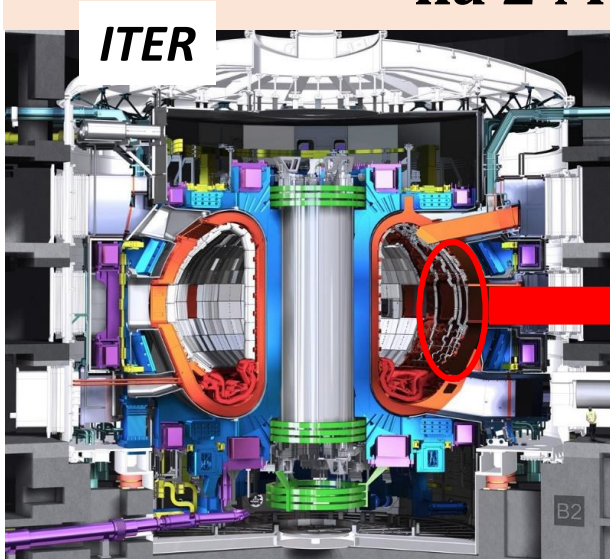


Fuzijske raziskave na Odseku za fiziko nizkih in srednjih energij (F2), Institut Jožef Stefan Mikroanalitski center, Laboratorij za fuzijske raziskave

<https://f2.ijs.si/sl/laboratoriji/2020070311053036/laboratorij-za-fuzijske-raziskave>

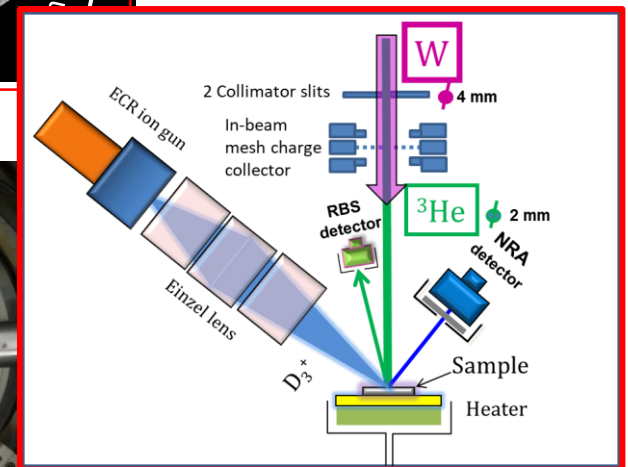
Od fuzijske naprave do raziskav na eksperimentalni postaji na 2 MV ionskem pospeševalniku

<https://www.iter.org>



Odsek za fiziko nizkih in srednjih energij (F2) vabi študente 2. stopnje fizike k sodelovanju pri evropskih projektih povezanih s fuzijo in sicer pri preučevanju interakcije vodika z materialih, kakršni bodo uporabljeni v stenah fuzijskih naprav in pod pogoji, kakršni bodo vladali na stenah fuzijskega reaktorja. Torej z materiali, ki vsebujejo poškodbe. Študent bo sodeloval in izvajal eksperimente, ki bodo potekali na eksperimentalni postaji na ionskem pospeševalniku ter pri obdelavi podatkov. Končni rezultati dela bodo vodili do izdelave magistrske naloge ter naprej lahko tudi do doktorskega dela iz tega področja. Vabljeni tudi študenti 1. stopnje za študentsko delo.

Kontakt: Sabina Markelj, email: sabina.markelj@ijs.si

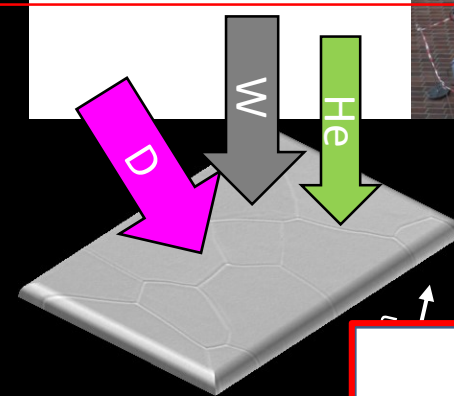
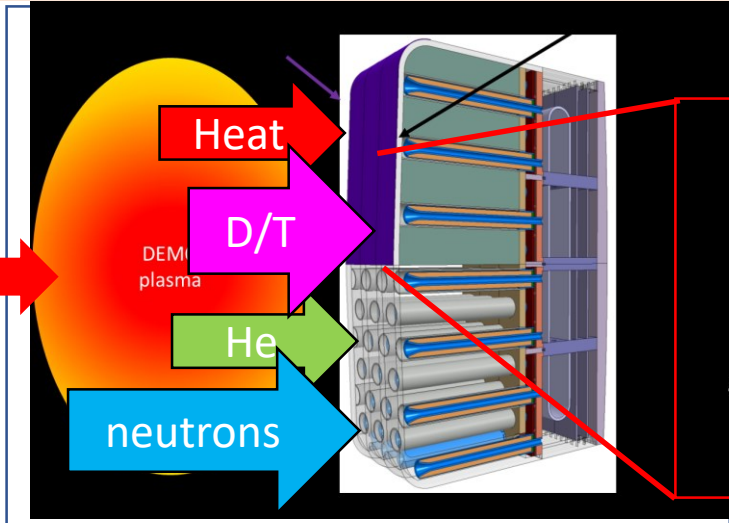
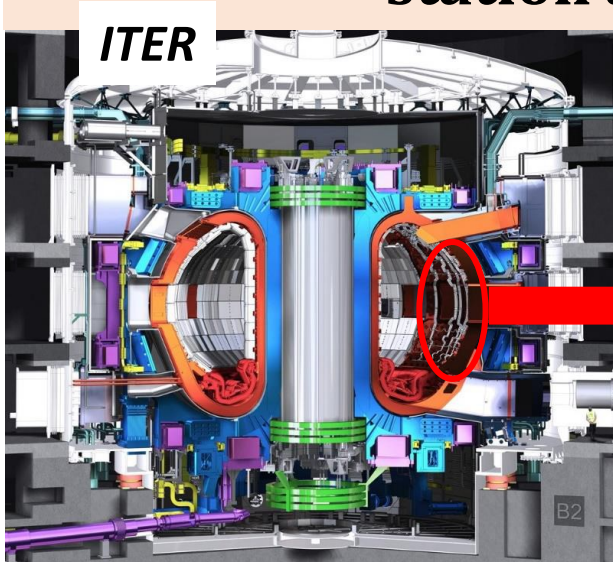


Fusion research in Department of low and medium energy physics(F2), Jožef Stefan Institut Microanalytical center, Laboratory for fusion research

<https://f2.ijs.si/en/laboratories/2020070311053036/laboratory-for-fusion-research>

From the fusion device to research at the experimental station at 2 MV particle accelerator

<https://www.iter.org>



The Department of Low and Medium Energy Physics (F2) invites physics students in 2nd degree studies to participate in European projects related to fusion, namely in the study of hydrogen interaction with materials that will be used in the walls of fusion devices and under the conditions that will prevail on the walls of the fusion reactor. This means with materials that are displacement damaged. The student will participate and perform experiments at the experimental station on the ion accelerator and in data processing. The final results of the work will lead to the creation of a master's thesis and perhaps further on also in a PhD thesis in this field. 1st degree students are also invited for student work.

