



- ❑ In FTU the Helium pulses show a rise of the n_e , leading to a remarkable increase of the peaking. The injection effects can be enhanced by acting both on the total amount of impurity, and on the injection rate; a very high density peaking is reached with the impressive value of 5.
- ❑ To establish the amount of impurities, an approximated model is presented. An esteem of the species concentrations, included Helium, can be found with a multi unknowns system that uses VUV spectroscopy measurements, Z_{eff} and P_{rad} .
- ❑ The phenomenology related to the combination of Helium seeding, plasma shapes and edge conditioning, suggests mutual effects to investigate.