

Laboratory projects

This page contains information about on-going projects in participant laboratories.

GSI

- Project for 28 GHz ECRIS
- Replacement of 14.5 GHz ECRIS by 18 GHz ECRIS

LPSC

- High performance $f \geq 28$ GHz ECRIS project
- 60 GHz ECRIS project
- Booster development to enhance CSD

GANIL

- Tests for V, Si and K
- Hot screen development for 48-Ca recycling
- Development with ECR4 and ECR4M
- Beam intensity and stability development for Ni-19+ ion beam

JYFL

- Commissioning and further development of HIISI
- Development of plasma diagnostics
- Plasma research: plasma instability and light emission
- Development of ion beam formation and stability
- Further development of metal ion beam production (foil oven, inductively heated oven, sputtering, MIVOC)

KVI-CART

- Further development of Xenon production
- Beam intensity, stability and reproducibility
- Phase-space studies

UCLM

- Development of diagnostics for ECR plasmas
- Study of plasma configurations and distributions