

Hands-on-training

Several hands-on training workshops will be organized within the MIDAS-NA project in several laboratories:

- [Low temperature plasma diagnostics \(UCLM\)](#)
- [ECR charge breeder techniques \(LPSC\) **See modified program**](#)
- [Low-energy beam transport design and emittance measurements \(KVI\)](#)
- [MIVOC method and/or Highly charged plasma diagnostics \(JYFL\)](#)
- [Microwave-based techniques to improve the performances of the ECRISs \(GSI\)](#)
- [Iron beam production with ECR4 ion source using oven technique \(GANIL\)](#)
- [Measurements of ECR plasma parameters by Langmuir-probe \(ATOMKI\)](#)
- [Nickel beam production with the CAPRICE ECRIS using the GSI standard oven \(GSI\) **NEW!**](#)

Implemented hands-on-trainings:

UCLM hands-on-training: LT plasma diagnostics 2, 4-6.12.2018 ([report](#), [slideshow](#)).

KVI-CART hands-on-training: Beam Transport I-II: 9-11.10.2018, and 16-18.10. 2018 ([report](#)).

UCLM hands-on-training: LT plasma diagnostics 1, 25-27.09.2018 ([report](#)).

ATOMKI hands-on-training: Langmuir probe 2, 20-21.6.2018 ([report](#)).

GSI hands-on-training: Oven, 13-15.03.2018 ([report](#)).

LPSC hands-on-training: Charge breeder and oven, 23-25.1.2018 ([report](#)).

GSI hands-on-trainings Microwave 12-14.12.2017, and 27.02-01.03.2018 ([report](#)).

ATOMKI hands-on-training 8-12.5.2017 ([report](#)).

JYFL hands-on-training for plasma diagnostics 5-7.12. 2016, and 7-9.12.2016 ([report](#)).

JYFL hands-on-training for MIVOC 5-7.12.2016, and 7-9.12.2016 ([report](#)).

GANIL hands-on-training 15-17.11.2016 ([report](#)).