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## Upgrades and developments related to stable ion beams injectors at INFN-LNL

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The LNL accelerator complex is equipped with two stable ion beams injectors, employing respectively negative and positive ion sources. In particular, a sputtering-type negative ion source and an Electron Cyclotron Resonance Ion Source (ECRIS) are installed on high voltage platforms, to provide the optimum injection energy in the downstream accelerators. Recently, the two injectors have been object of upgrades and developments, in order to improve the overall safety and reliability of the two systems, as well as the beams available for the users. This contribution describes the work related to the above mentioned activities, the technical choices employed and the latest results on ion beams production.

### Funding Agency

### Footnotes

### I have read and accept the Privacy Policy Statement

Yes

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