REFERENCES

- J. Knaster *et al.*, "Overview of the IFMIF/EVEDA project", *Nucl. Fusion*, vol. 57, p. 102016, 2017. doi:10.1088/ 1741-4326/aa6a6a
- [2] K. Kondo et al., "Validation of the Linear IFMIF Prototype Accelerator (LIPAc) in Rokkasho", Fusion Eng. Des., vol. 153, p. 111503, 2020. doi:10.1016/j.fusengdes.2020. 111503
- [3] Y. Shimosaki et al., "Lattice design for 5 MeV 125 mA CW RFQ operation in LIPAc", in Proc. IPAC'19, Melbourne, Australia, May 2019, pp. 977-979. doi:10.18429/ JACOW-IPAC2019-MOPTS051
- [4] G. Devanz et al., "Manufacturing and validation tests of IFMIF low-beta HWRs", in Proc. IPAC'17, Copenhagen, Denmark, May 2017, pp. 942-944. doi:10.18429/ JACOW-IPAC2017-MOPVA039
- [5] B. Brañas *et al.*, "The LIPAc Beam Dump", *Fusion Eng. Des.*, vol. 127, pp. 127-138, 2018. doi:10.1016/j.fusengdes. 2017.12.018
- [6] L. Bellan et al., "Acceleration of the high current deuteron beam through the IFMIF-EVEDA beam dynamics performances", in Proc. HB'21, Batavia, IL, USA, Oct. 2021, pp. 197-202. doi:10.18429/JACoW-HB2021-WEDC2
- [7] K. Masuda et al., "Commissioning of IFMIF Prototype Accelerator towards CW operation", in Proc. LINAC'22, Liverpool, UK, Aug.-Sep. 2022, pp. 319-323. doi:10.18429/JACOW-LINAC2022-TU2AA04
- [8] F. Scantamburlo et al., "Linear IFMIF Prototype Accelera-tor (LIPAc) Radio Frequency Quadrupole's (RFQ) RF couplers enhancement towards CW operation at nominal voltage", in Proc. ISFNT'23, Sep. 2023, Las Palmas de Gran Canaria, Spain.

- [9] A. De Franco et al., "RF conditioning towards continuous wave of the FRQ of the Linear IFMIF Prototype Accelerator", in Proc. IPAC'23, Venice, Italy, May 2023, pp. 2345-2348. doi:10.18429/JACOW-IPAC2023-TUPM065
- [10] K. Hirosawa *et al.*, "High-Power RF tests of repaired circulator for LIPAc RFQ", in *Proc. PASJ'23*, 2023, Japan.
- [11] I. Podadera, J. M. Carmona, A. Ibarra, and J. Molla, "Beam position monitor development for LIPAc", presented at th 8th DITANET Topical Workshop on Beam Position Monitors, CERN, Geneva, Switzreland, Jan. 2012.
- [12] I. Podadera et al., "Beam commissioning of beam position and phase monitors for LIPAc", in Proc. IBIC'19, Malmö, Sweden, Sep. 2019, pp. 534-538. doi:10.18429/JACoW-IBIC2019-WEPP013
- [13] K. Kondo et al., "Neutron production measurement in the 125 mA 5 MeV Deuteron beam commissioning of Linear IFMIF Prototype Accelerator (LIPAc) RFQ", Nucl. Fusion, vol. 61, no. 1, p. 116002, 2021. doi:82310.1088/1741-4326/ac233c
- [14] S. Kwon *et al.*, "High beam current operation with beam di-agnostics at LIPAc", presented at HB'23, Geneva, Switzerland, Oct. 2023, paper FRC1I2, this conference.
- [15] T. Akagi *et al.*, "Achievement of high-current continuous-wave deuteron injector for Linear IFMIF Prototype Accelerator (LIPAc)", to be presented at IAEA FEC'23, London, UK, Oct. 2023. https://www.iaea.org/events/fec2023
- [16] "AF4.1.1 SRF Linac Engineering Design Report", Internal note.
- [17] L. Bellan *et al.*, "Extraction and low energy beam transport models used for the IFMIF/EVEDA RFQ commissioning", in *Proc. ICIS'21*, TRIUMF, Vancouver, BC, Canada, Sep. 2021. https://indico.cern.ch/event/1027296/