

## **Plasma Physics Platform at ELI-Beamlines**

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The plasma physics platform (P3) at the ELI Beamlines[1] facility in Prague, Czech Republic is planned to be a versatile user facility for high energy density, warm dense matter, laboratory astrophysics and ultraintense laser-matter interaction experiments. The aluminum vacuum chamber with a volume of about 50 m<sup>3</sup> was recently commissioned to a vacuum of less than 10<sup>-6</sup> mbar. The chamber is designed to accommodate a large aperture (63 cm x 63 cm) 10 PW beam and multiple medium aperture PW level beams. Beam transport system for delivering the L3 laser beam (Ti:Sa, 10 Hz, 1 PW) is expected to be commissioned by the end of this year. This presentation will cover the details of commissioning the vacuum chamber.

### **References**

- [1] S. Weber et al, *Matter and Radiation at Extremes*, **2**, pp 149-176 (2017).