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Type: **Oral presentation**

Effect of mechanical vibrations on beam stability at the ESRF

Monday 12 May 2025 11:30 (30 minutes)

We will show stability measurements of the electron beam together with vibration measurements of some elements of the storage ring of the ESRF (magnets and vacuum chambers). The effect of these mechanical vibrations on the stability of the beam will be discussed, and we will give some ideas on how to improve the stability of the beam.

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