

# Topical Workshop on Diagnostics for Ultra-Low Emittance Rings (TW-DULER)



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## **Recent measurements of linear & nonlinear optics at the ESRF storage ring**

*Thursday 19 April 2018 14:00 (30 minutes)*

Different approaches to infer magnet and optics parameters from beam-based measurements at the ESRF storage ring are reviewed. Main results and limits of the established techniques are examined. Possible improvements or alternatives are proposed and discussed in the light of first experimental results. A report on accuracy studies of linear optics measurements, based on both turn-by-turn and orbit data, will be eventually given.

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**Session Classification:** Beam Dynamics and Procedures