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## **Cosmological constraints from Surface Brightness Fluctuations**

*Wednesday, 7 July 2021 11:10 (20 minutes)*

The surface brightness fluctuations (SBF) method is one of the most robust extragalactic distance indicators: with an accuracy comparable to SNe Ia and Cepheids ( $\sim 5\%$  per galaxy) without the limitations of the serendipitousness intrinsic of SNe, or the long observing campaigns needed for Cepheids. Moreover, it is used in a wide range of distances: from very local, up to values relevant for measuring  $H_0$ .

In this talk, I will overview the technique and present its great potential with future applications based on forthcoming ground and space-based facilities.

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