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Simulations of systematic effects for 21-cm observations

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**Abstract content
 &nbsp; (Max 300 words)
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Observations of the redshifted 21-cm line are the best probe of the evolution of the intergalactic medium and the Universe reionization. As the expected 21-cm signal is, however, very faint, its observations are challenged by the need of an extremely careful control of systematic errors. Here we show realistic simulations that estimate the level of contamination on the 21-cm observations from Galactic polarized foreground emission

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PhD

**Main supervisor (name and email)
and his / her institution**

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