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# Perspective for ISM polarimetry science

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## Abstract

With the still relatively recent demise of SPICA, there is definitely a sense of uncertainty affecting any attempt at visualising what the perspective for polarimetric science could look like. Nevertheless the field is currently quite active with instruments delivering new results regularly. I will therefore make a quick review of where we are today, both in terms of understanding polarisation in the ISM (its mechanism and what it informs us on), and of technical capacities. This will hopefully help define and support a discussion of where we would want to go in the future, which will be the main topic of the talk. To conclude I will propose a brief list of requirements that could define the future capacities that PCMI science will favour, in terms of detector and observatories.

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