



## Magnetic Circular Dichroism Instrumentation at LNLS

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We describe the high-field (1.0 T) ultra high vacuum ( $1.6 \times 10^{-9}$  mbar) controllable temperature (8 oK up to  $>350$ oK) MCD setup designed and built at LNLS. We show, for nanocrystals of Hematite  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>, illustrative results obtained at room and at low temperature.

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