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Type: Poster Presentation

## Spin-density-wave behaviour of the (Cr<sub>100x</sub>Al<sub>x</sub>)<sub>95</sub>Mo<sub>5</sub> alloy system

Wednesday, 13 July 2011 17:00 (2 hours)

Previous studies in our laboratory on the (Cr<sub>100-x</sub>Al<sub>x</sub>)<sub>95</sub>Mo<sub>5</sub> alloy system through electrical resistivity and magnetoelastic measurements suggest that spin-density-wave (SDW) antiferromagnetism is fully suppressed down to 4 K in the concentration range  $2.0 \le x \le 5.0$  at.

Level (Hons, MSc, <br> &nbsp; PhD, other)?

PhD

## Consider for a student <br> &nbsp; award (Yes / No)?

Yes

## Would you like to <br>> submit a short paper <br>> for the Conference <br>> Proceedings (Yes / No)?

No

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