## Co<sub>2</sub>CrIn: A Further Magnetic Heusler Compound

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Dedicated to Professor Wolfgang Jeitschko on the occasion of his 70<sup>th</sup> birthday

A further example of the class of Heusler compounds is presented.  $Co_2CrIn$  is  $Lo_1$  ordered (face centered cubic, space group  $Fm\bar{3}m$ ) with a lattice constant of a=6.0596(2) Å. The crystal structure was determined from powder diffraction data by means of the Rietveld method. The magnetic properties of  $Co_2CrIn$  were measured by means of SQUID magnetometry. The material turns out to be a soft ferromagnet with a saturation moment of  $1.2~\mu_B$  at 5 K.

Key words: Magnetic Properties, Heusler Compounds