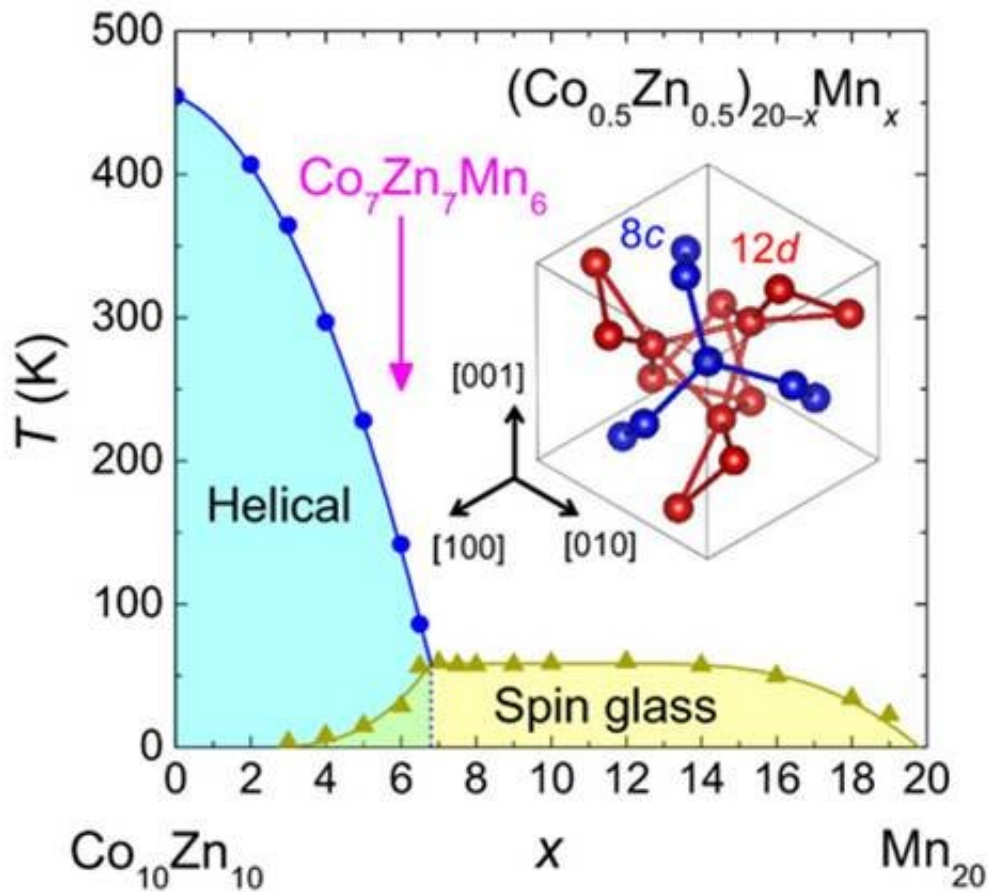


Disordered skyrmion phase stabilized by magnetic frustration in a chiral magnet

September 27 2018, by Thamarasee Jeewandara



Zero-field magnetic phase diagram with temperature (T) and Mn composition (x) connecting $\text{Co}_{10}\text{Zn}_{10}$ and $\beta\text{-Mn}$ according to $(\text{Co}_{0.5}\text{Zn}_{0.5})_{20-x}\text{Mn}_x$. A spin glass phase is found to exist at low temperatures and across a wide-range of x . For $3 < x$

Citation: Disordered skyrmion phase stabilized by magnetic frustration in a chiral magnet (2018,

September 27) retrieved 27 April 2024 from <https://phys.org/news/2018-09-disordered-skyrmion-phase-stabilized-magnetic.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.