

LIM25 - Annecy



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CHORD: The Canadian Hydrogen Observatory and Radio-transient Detector

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The Canadian Hydrogen Observatory and Radio-transient Detector (CHORD) is an interferometric radio telescope optimized for 21cm cosmology, radio transients, and Milky Way science. CHORD is currently under construction at the Dominion Radio Astrophysical Observatory in Western Canada, and will leverage the technical and scientific successes of its sibling experiment, the Canadian Hydrogen Intensity Mapping Experiment (CHIME), while incorporating numerous advances in instrumental design. In this talk, I will present CHORD's defining properties, construction status, and science goals, with a focus on intensity mapping and other spectral-line science.

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Classification de Session: Contributed Talks 1: CHIME & CHORD