

Abstract Submitted
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Studies of Galactic Magnetism JO-ANNE BROWN, University of Calgary — Magnetic fields are an important constituent of the interstellar medium, but unlike gas, dust and cosmic rays, they do not radiate, and consequently cannot be observed directly. Instead, observations of the *signatures* of magnetic fields have allowed researchers to piece together the structure of the magnetic field in our Galaxy and others. In this talk, I will review some of the latest findings in our quest to determine the structure of the magnetic field in our Galaxy, and how this knowledge is shaping our understanding of the origin and evolution of galactic magnetic fields in general.

Jo-Anne Brown
University of Calgary

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