

# DISCRETE 2020-2021

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## Challenges in supersymmetric cosmology

I will discuss a framework of natural inflation within supergravity dubbed ‘inflation by supersymmetry breaking’. The main idea is to identify the inflaton with the superpartner of the goldstino, in the presence of a gauged R-symmetry that may contain the R-parity of the supersymmetric Standard Model.

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**Session Classification:** Plenary

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