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## Gamma-Ray and Radio Emission from Star-Forming Galaxies

*Friday 11 August 2017 09:30 (30 minutes)*

I will review the physics of the far-infrared–radio correlation of star-forming galaxies and its implications for the GeV and TeV gamma-ray emission from normal galaxies, dense starbursts, and ultra-luminous galaxies. I will connect with predictions for the extra-galactic diffuse gamma-ray and high-energy neutrino backgrounds, and I will discuss implications for the physics of galactic winds.

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**Session Classification:** Plenary session