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Type: Review Talk

## The properties of interstellar dust in the Milky Way and in nearby galaxies

*Thursday 14 June 2018 11:35 (45 minutes)*

In this review, I will give an overview of the properties of dust (spatial distribution, composition, heating sources) in the ISM of nearby galaxies and in the Milky Way. I will discuss the main spectral energy distributions fitting techniques to model the ISM dust and their caveats. I will also discuss the need for dust models including an evolution of dust grains in the ISM to explain the current observables in emission or extinction.

### Consider for a poster?

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**Session Classification:** Dust as a tracer in the Milky Way and local galaxies

**Track Classification:** Dust as a tool