

Abstract

While thousands of exoplanets have been discovered throughout the last decade, only a handful of protoplanets have been claimed. This scarcity is limiting our view of the processes governing planet formation. Yet, several tens of protoplanetary disks imaged with new-generation instruments like VLT/SPHERE and ALMA show all the features predicted to arise from the interaction with (forming) planets. This is both a promising opportunity and a puzzling contradiction for the community, that I will show in the talk.