

Planets and planetary systems are incredibly diverse, as evidenced by the unique planets of our solar system, and the large variety of exoplanetary systems. How did this diversity develop? I will discuss our current understanding of how a unified planet formation scenario can explain such an array of planets, and describe the protoplanetary disk observations I have been performing to test these ideas. I will focus in particular on observations of disk chemistry, including its challenges, exciting advances, and future prospects.

Thanks,
Sincerely,
Colette Salyk