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PHYS 493 Dr. Lau  
24 January 2018

**Colloquium Date:** 24 January 2018

**Colloquium Speaker:** Dr. Ana-Maria Piso

**Colloquium Title:** Origins of Gas Giant Compositions: The Role of Disk Location and Dynamics

**Speaker Affiliation:** California State University Northridge

This talk given by Dr. Piso was very interesting, however, some of the information presented was confusing. I do not have a background in astronomy, so many of the graphs and talking points were over my head. I could appreciate the physics, however. I enjoyed the presenter's style, since she was relaxed and calm when presenting. Dr. Piso was open to taking questions, and provided clear, succinct answers to any question given. I enjoyed the discussion about the critical mass, as it provided some much needed clarification about why gas giants are formed. Overall, Dr. Piso was clear and her research is something to keep an eye out for. I hope she is able to get the observations that can provide more information for her models.