

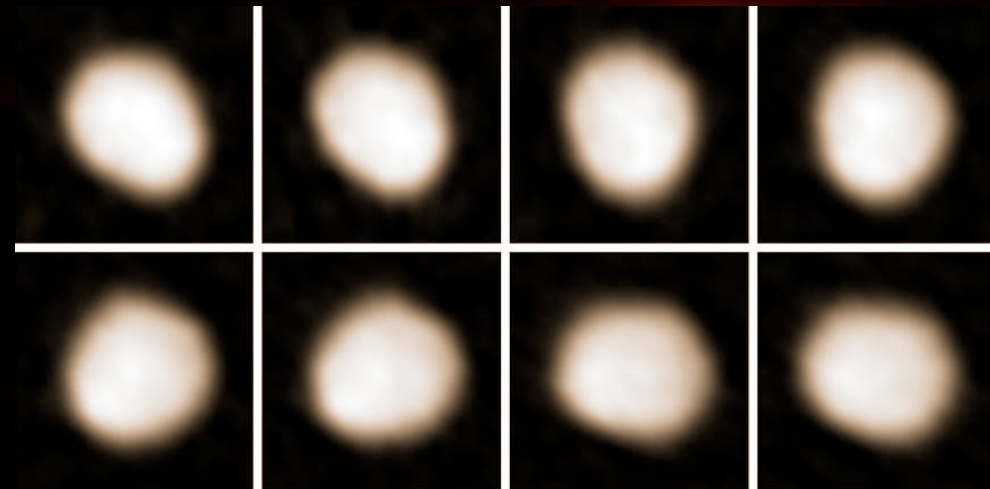
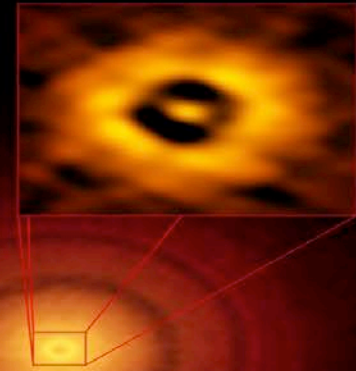
# New Horizons in Solar Systems

A Joint NAASC-NRC Conference

Victoria, BC, May 2019



100AU



# New Horizons in Planetary Systems

- NRC Herzberg and NRAO are co-organizing the conference "New Horizons in Planetary Systems", to be held in Victoria from 13-17 May 2019.
- The conference theme will be planetary systems in formation in protoplanetary disks, KBOs, debris disks, and exoplanets, with a focus on, but not be limited to, ALMA observations.
- The study of solar systems near and far is a rapidly developing field, and ALMA to playing a major role in this field.

# New Horizons in Planetary Systems

## SOC:

- Meredith Hughes (Wesleyan)
- Ruobing Dong (U Victoria)
- Arielle Moullet (USRA-SOFIA)
- Laura Perez (JAO/MPIfA)
- Courtney Dressing (UC Berkeley)
- JJ Kavelaars (NRC)
- Kristen Menou (U Toronto)
- Catherine Espaillat (Boston U)
- Al Wootten (NRAO)

## LOC:

- Brenda Matthews (NRC)
- James Di Francesco (NRC)
- Helen Kirk (NRC)
- Nienke van der Marel (NRC)
- Gerald Schieven (NRC)
- Henry Ngo (NRC)
- Robin Dong (U Vic)
- Christian Marois (NRC)
- JJ Kavelaars (NRC)
- Anthony Remijan (NRAO)
- Karen Ransom (NRAO)

# Invited Talk Topics/Titles

- 1) New Horizons - First results on KBO flyby: connections between KBOs and planet formation
- 2) mm observations of solar system objects: connections to planetary system formation
- 3) Planet formation at late times: theory, small bodies and exoplanets
- 4) Early planet formation through observations of comets / chemistry.
- 5) Early results from TESS: transit demographics and their connection to planet formation
- 6) Constraints on planet formation from debris and planetsimal disk observations
- 7) Protoplanetary disk structure at scattered light and mm wavelengths: sources of substructure
- 8) Protoplanetary disk composition and chemistry
- 9) Exoplanet atmospheric composition: relation to planet processes

# Timeline

- Feb 2018: SOC formed
- April 2018: list of invited speakers finalized
- 31 May 2018: graphics, logo and poster complete
- 31 May 2018: info on venue, travel to Victoria assembled
- 31 May 2018: invited speakers finalized
- 11 June 2018: website live
- 11 June 2018: pre-registration opens
- 1 Oct 2018: registration open
- 1 Oct 2018: abstract submission open
  
- 1 Feb 2019: applications due to travel support, childcare
- 1 Feb 2019: abstract submission deadline
- 22 Feb 2019: contributed talk selection finalized (expect space for 44 such talks)
- 22 Feb 2019: notification of travel support
- 1 March 2019: early registration deadline
- 12 April 2019: final registration deadline, late abstract submission etc.

# Thank you

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