

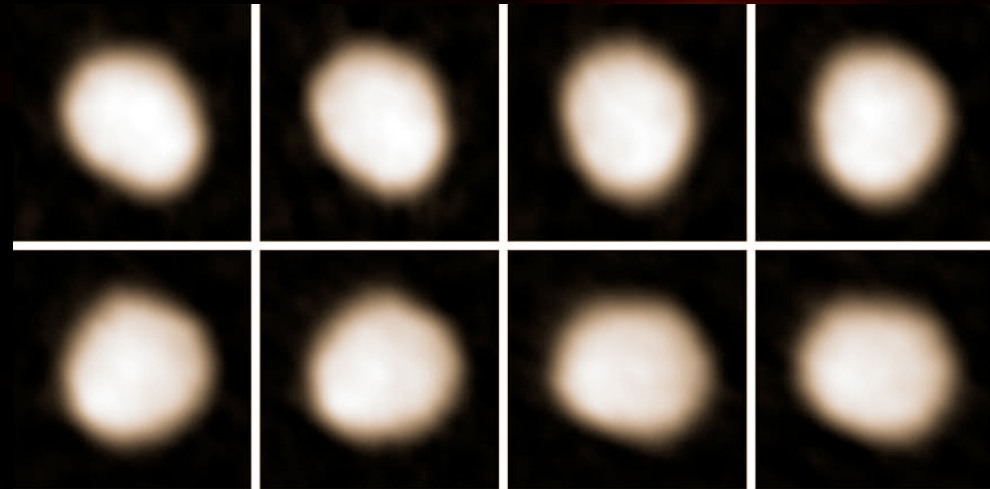
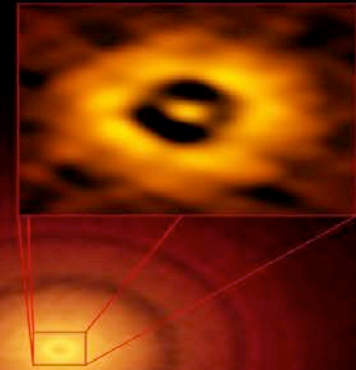
New Horizons in Solar Systems

A Joint NAASC-NRC Conference

Victoria, BC, May 2019



100AU



New Horizons in Solar Systems; Victoria BC May 2019

- NRC Herzberg, in cooperation with NRAO, is proposing a science conference tentatively called "New Horizons in Solar Systems", to be held in Victoria in May 2019.
- The conference theme will be planetary systems in formation, 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 is poised to play a major role in this field.

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- The meeting will focus on the synergy of ALMA with other facilities in the study of:
 - Solar system
 - Extrasolar planetary systems
 - Debris disks
 - Protoplanets
 - Disks with planets

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Suggested members of the SOC:

- Ruobing Dong (UVictoria): *Modeling exoplanets and planetary growth*
- Arielle Moullet (NRAO): *Planetary atmospheres*
- Stan Metchev (UWO): *Exoplanet atmospheres*
- Meredith Hughes (Wesleyan): *Debris disks*
- Brenda Matthews (NRC): *Debris disks*
- Laura Perez (JAO/MPIfA): *Circumstellar disks*
- Diana Valencia (UToronto): *Exoplanets*
- JJ Kavelaars (NRC): *Trans Neptunian Objects*
- Kristen Menou (UToronto): *Planetary system dynamics*
- Catherine Espaillat (BostonU): *Transition disks*
- Al Wootten (NRAO): *Solar system*

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- Alternate SOC members:
 - *Modeling exoplanets and planetary growth:*
 - Aaron Boley (UBC), Paola Pinilla (Uarizona)
 - *Planetary/exoplanet atmospheres:*
 - Nick Cowan (UMontreal), Colin Goldblatt (UVictoria), Mark Gurwell (CfA)
 - *Debris disks:*
 - Jane Greaves (CardiffU)
 - *Circumstellar disks:*
 - Nienke van der Marel (Uhawaii)
 - *Exoplanets:*
 - Brendan Bowler (UTexas/JPL)
 - *TNOs:*
 - Samantha Lawler (NRC)
 - *Planetary system dynamics:*
 - Pawel Artrymowicz (Utoronto)
 - *Solar system:*
 - John Moores (YorkU)

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- We are requesting ANASAC approval of the meeting theme and SOC

Thank you

Gerald Schieven

Senior Research Officer

Tel: 250-363-6919

Gerald.Schieven@nrc-cnrc.gc.ca

www.nrc-cnrc.gc.ca

