



Contribution ID: 410

Type: Oral Presentation

## Discretization of an extended solar system

Wednesday, 5 July 2017 11:50 (20 minutes)

A formula derived from a theory of gravitation is applied to periods, or distances from the sun, of orbiting bodies of the solar system extending to beyond the Kuiper belt and into the Van Oort Cloud. It includes the periodic comets and asteroids. The formula gives discrete distances for 38 selected solar bodies, as well as discrete periods of the major comets, within an average relative deviation of 1.8% from the observed values.

**Apply to be considered for a student &nbsp; award (Yes / No)?**

No

**Level for award&nbsp;(Hons, MSc,   PhD, N/A)?**

N/A

**Would you like to submit a short paper for the Conference Proceedings (Yes / No)?**

Yes

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**Session Classification:** Astrophysics

**Track Classification:** Track D1 - Astrophysics