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Type: **Oral Presentation**

Theoretical derivation of an equation for planetary distances from the sun

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Applying the quantisation of action variables to a theory of gravitation one derives discrete values for planetary distances from the sun. The calculated values agree with the observed values of all the planets. The derived equation also applies to the exoplanets. The application is similar to that of the Wilson-Sommerfeld rule for atomic orbits.

**Level (Hons, MSc,
 PhD, other)?**

Hons to PhD

**Consider for a student
 award (Yes / No)?**

No

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

Yes

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