

IAP - Institute for Astronomy and Astrophysics

مركز ابحاث لعلم الفلك و فيزياء النجوم

http://aecenar.com/institutes/iap



Satellite System for Radio Astronomy IAP SRWDA-SAT

Last update: 17 December 2013

Electric Propulsion for orbit and attitude stabilization

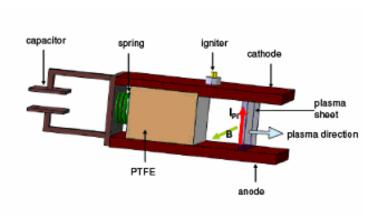
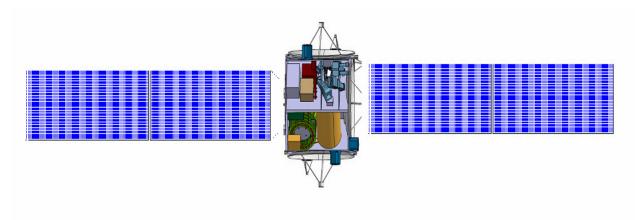


Figure 1. Working Principle of an I-MPD

First Mockup Model





Detection of HI Lines in Interstallar Media

Actual Working Packages:

- Refinement of the first Mockup Model
- Development of Prototype with parts of IAP ECS and alternative Lotte FCS
- Mission Simulation
- Simple Prototype for the MPD Propulsion Device

Migration of former "VaEf alternative airship Lotte" control system to the IAP satellite based control system Local Computer Transceiver The Earth

Financial and man power needs for 2014:

- 2-3 persons (e.g. as master thesises)
- 4.500 USD material

Contact

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