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# JOURNAL CLUB

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## New Aspects of Non-Linear, Dusty Plasma Dynamics

by

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### ABSTRACT

The physics of dusty plasmas is quite new, but explosively expanding branch in modern physics. This includes star formation, the physics of proto-stellar accretion disks, coemetary environments, manned and unmanned space missions to other planets (the production of charged ist is unavoidable e.g. for planned missions to Mars), the physics of dust in the higher atmosphere and, of course, plsama technology. Dusty plasma are in some sense the most generic state of baryonic matter. Topic of the talks are new simulation resalts considering the origin of our solar system.

Friday, March 11, 2005  
Globe Room, Elvey Bldg  
3:45 pm