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Workshop on the Magneto-Rotational Instability in Protoplanetary Disks
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Kobe University, Science and Technology Research Building No.3 Room 125

6/2 (13:00-17:45)

13:00-14:00 Anders Johansen (Leiden Observatory)

"Planetesimal formation in turbulent protoplanetary discs"

14:00-14:30 coffee break/posters

14:30-15:15 Neal Turner (JPL/Caltech)

"Signatures of magnetic activity in dusty protostellar disks"

15:15-15:45 Shigenobu Hirose (JAMSTEC)

"Standard accretion disks driven by MRI stress"

15:45-16:15 Takeru Suzuki (U Tokyo)

"MRI-driven disk winds and dispersal of protoplanetary disks"

16:15-16:45 coffee break/posters

16:45-17:15 Toyoharu Umebayashi (Yamagata U)

"Effects of radionuclides on the magnetorotational instability in protoplanetary disks"

17:15-17:45 Hiroaki Isobe (Kyoto U)

"Recent results on solar chromosphere"

18:00-20:00 banquet (konshin-kai) at LANS BOX 2F

6/3 (9:30-17:00)

9:30-10:00 Man Hoi Lee (U Hong Kong)

"Formation environment of the Galilean moons"

10:00-10:30 Masahiro Machida (Kyoto U)

"Gas Giant Planet Formation in Magnetized Disks"

10:30-11:00 coffee break/posters

11:00-11:30 Takayuki Tanigawa (Hokkaido U)

"Surface density of solid material in circum-planetary disks"

11:30-12:00 Takanori Sasaki (Titech)

"Origin of the difference of the Jovian and Saturnian satellite systems"

12:00-13:30 lunch break/posters

13:30-14:00 Satoshi Okuzumi (Kyoto U)

"Electric charging and coagulation of dust aggregates in protoplanetary disks"

14:00-14:30 Takayuki Muranushi (kyoto U)

"The role of dust-dust collisional charging in protoplanetary nebulae"

14:30-15:30 coffee break/posters

15:30-16:00 Hideko Nomura (Kyoto U)

"Dust evolution in protoplanetary disks: Effect on observations of dust emission"

16:00-16:30 Takayuki Muto (Kyoto U)

"Dust motion in a protoplanetary disk in the vicinity of an embedded planet"

16:30-17:00 Shugo Michikoshi (NAOJ)

"N-body simulation of planetesimal formation through gravitational instability"

Posters

Youhei Masada (NAOJ)

"MRI in viscous and resistive accretion disks"

K. Alkendra P. Singh (Kyoto U)

"Waves in partially ionized solar atmosphere"

Mariko Kato (Titech)

"Steady dust concentration and planetesimal formation at the super/sub-Keplerian flow boundary created by non-uniform growth of MRI"

Dominikus Heinzeller (Kyoto U)

"CEPD - Chemical Evolution of Protoplanetary Disks"

Shirakawa Keisuke (Tokyo U)

"The effect of temporally varying charges of dusty plasmas on the linear stage of magneto-rotational instability"

Kei Tanaka (Titech)

"OMOSHI effect: A new accretion mechanism to overcome the radiation pressure in massive star formation"