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December-in-Prague-2

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FORMATION OF MASSIVE STAR CLUSTERS

Prague December 8 - 12, 2014

VENUE

All the talks and discussions will take place in the lecture room on the ground floor of the Astronomical Institute, Academy of Sciences of the Czech Republic Bocni II-1401 141 00 Prague 4 - Sporilov

PARTICIPANTS

Jim Dale
Frantisek Dinnbier
Sona Ehlerova
Pavel Jachym
Tereza Jerabkova
Zeinab Khorrami
Pavel Kroupa
Jan Palous
Anna Rosen
Rhys Taylor
Richard Wunsch

PROGRAMME

Monday December 8

12:00 - 14:00 Lunch at "U BĀM-^YĀ-zy"

14:00 Initial discussion: Formation of a star cluster

15:30 Coffee/Tea

16:00 Rhys Taylor:
Optically dark HI structures

19:30 Come together at Mlynska +

Tuesday December 9

9:30 Frantisek Dinnbier:
Fragmentation of a self-gravitating layer in the non-linear regime

11:00 Coffee/Tea

11:30 Sona Ehlerova:
HI/CO correlation

13:00 - 15:00 lunch at "Curling hall"

15:00 Individual discussions

19:30 Riders - dancing performance

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Wednesday December 10

9:30 Jim Dale:
Modelling the emergence of star clusters from their natal molecular clouds

11:00 Coffee/Tea

11:30 Pavel Kroupa:
Is the IMF a probability density distribution function?

13:00 - 15:00 Lunch at "U BĀM-^YĀ-zy"

15:00 Zeinab Khorrami:
N-body simulations of massive star clusters

Thursday December 11

9:30 Jan Palous:
First versus second generation of stars in massive star clusters

11:00 Coffee/Tea

11:30 Richard Wunsch:
3D simulations of secondary star formation

13:00 - 15:00 Lunch at "Koliba"

15:00 Anna L. Rosen:
Missing stellar wind energy

19:00 Come together at Mlynska and dinner in the town center

Friday December 12

9:30 Pavel Jachym:
HI, molecular gas and star formation outside of galaxies

11:00 Coffee/Tea

11:30 Final discussion: Formation of a star cluster

13:00 - Lunch at "U BĀM-^YĀ-zy"