

High-Mass Stars and Formation of Massive Star Clusters

29th June - 1st July 2016 in Prague

PROGRAMME:

Wednesday, 29th June 2016

A) INTERSTELLAR CLOUDS FORMING STARS AND CLUSTERS

11:00 Anthony Whitworth: The formation and fragmentation of filaments

12:30 lunch "Sphere"

14:00 Stefanie Walch-Gassner: Regulation of star formation and outflows
by stellar winds and supernovae

15:00 Sona Ehlerova: HI Shells, CO clouds and the galactic supershell
GS242-03+37

16:00 Franta Dinnbier: Estimating properties of fragments emerging from
fragmenting shells

17:00 Thomas Haworth: Dispatches from the front

19:00 welcome drink "Mlynska"

20:00 dinner "Kamparium"

Thursday, 30th June 2016

B) CLOUD-CLOUD INTERACTIONS

10:00 Yasuo Fukui: How common is the O star formation triggered by
cloud-cloud collision?

11:00 Thomas Haworth: Isolating signatures of cloud-cloud collision

12:00 Anthony Whitworth: Star clusters formed following cloud-cloud collisions:
IMF, feedback, and bipolar HII regions

13:15 lunch "U Brizy"

C) GAS OUTSIDE OF GALAXIES

14:30 Pavel Jachym: Molecular gas and star formation in intra-cluster regions

15:30 Rhys Taylor: Attack of the Flying Snakes : Dark Galaxies,
Tidal Debris, or Pressure Confined Clouds ?

16:30 Thomas Bisbas: The role played by cosmic rays in tracing molecular gas
in galaxies

17:30 Discussion

19:30 dinner "Pivovarsky dum"

Friday, 1st July 2016

D) MASSIVE STAR CLUSTERS

10:00 Sambaran Banerjee: Dynamical constraints on the assembly of
young massive clusters

11:00 Yasuo Fukui: The parent molecular clouds toward the young
super star clusters

12:00 Richard Wunsch: Cooling Winds in Massive Star Clusters

13:30 lunch "Koliba"

14:30 Sergio Martinez Gonzalez: Dust Emission in Young Massive Star Clusters

15:30 Tereza Jerabkova: Supernova driven star cluster wind with dust cooling

16:30 William Lucas: Supernova feedback in young star clusters

17:30 Jan Palous: Summary and Discussion