

Posters MSF07

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(3 Unwise Men)

150 Posters !!

- Essentially all of them beautiful work
- And many beyond the capacity of the selection committee (letters too small)
- One notices certain fashionable topics
- And some with well posed questions

Central Engine

- As with QSOs, much depends on what the central star is doing (on ZAMS or bloated accretor)
- Can be probed in spectra of scattered light, cases where one looks down the outflow (see e.g. Lenorzer(IAC), Grave(Porto), Matthews(CfA), Rodon(MPA))

Studies of IRDCs

- Catalog from Lee(KSSI,Daejon).
Fundamental!!
- Detailed Study (Ragan, Michigan)
shows flat clump mass fn
- Other work(Teyssier(ESAC
Madrid), Vasyunina(MPA Hd) shows
evidence for depletion and mag.support
of clumps

Triggered Star Formation

- Back to the 1980s (Elmegreen and Lada) . HII regions and SNRs trigger new generation
- Host of new studies partly motivated by GLIMPSE images but also other new data

A lot of new data on triggered SF

- But also fortunately models (Motoyama, Hsin-Chu)
- RCW120 Pomares(Marseille) , evidence for “Collect and Collapse”
- Kirsanova(Moscow) S235
- Moore (Liverpool) W3,W4

Disks(and Jets) round Massive stars

- How is it that disks are necessary for massive stars to form , yet disappear when they are formed
- Study by Pfalzner(U.Koeln) shows that cluster environment favors binary(multiple star) formation and increases accretion rates

Observations of “massive disks”

- The massive M17 beast (Nielbock, MPA)
- 20126 Studies (Liu, Su Taipei)
- New cases (Falscheer (MPA), Sandell)
- Inverse P.Cyg Profiles in methanol (Schreyer, Jena)

Methanol Masers

- From the disk or the outflow (See De Buizer(Gemini) for one view and Pestalozzi(U.Herts) for another
- MMS Survey(Green, Jodrell) !! Very valuable

Projects and Surveys

- ASTE and NANTEN2 (Kawamura, Nagoya)
- Nordhaus(Texas) Bolocam
- Barnes(Sydney) CHaMP
- Shepherd(NRAO) CARMA,ALMA,EVLA

Progress??

- I agree with Friedrich Wyrowski !!
- Partly due to high resolution in mm and IR (Interferometers with all their weaknesses)
- Partly due to a theoretical framework (in spite of their weaknesses)

But we had to choose

- So we chose 2 instead of 1
- Suzaku X-ray spectroscopy of a star near the GC - Yoshiaki Hyodo
- VLTI-Midi Observations of the massive protostar NGC3603 IRS9A- Stefan Vehoff

Final Word

- Thanks to the organisers and in particular to Henrik!