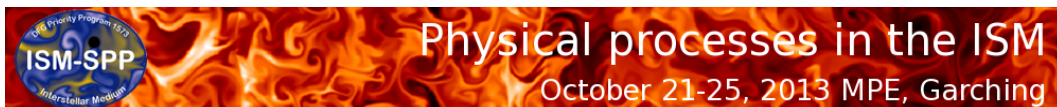


Session Program

21-25 Oct 2013



Physical processes in the ISM

Stellar Feedback in the ISM

MPE
Gießenbachstraße 1 85748 Garching

Wednesday 23 October

09:00

Stellar Feedback in the ISM

Session | **Location:** MPE, Gießenbachstraße 1 85748 Garching | **Convener:** Enrique Vazquez-Semadeni

09:00–09:40 **Stellar feedback in the ISM**

Speaker

Mordecai-Mark Mac Low

09:40–09:55

Molecular cloud formation in stellar feedback flows: Observing, demonstrating, quantifying

Speaker

Joanne Dawson

09:55–10:10

Disruption of GMCs by photoionization and stellar winds - setting the stage for supernovae.

Speaker

James Dale

10:10–10:25

The evolution of molecular clouds under the influence of ionizing radiation

Speaker

Matthias Gritschneider

10:25–10:40

Feedback-driven turbulence in the multi-phase ISM

Speaker

Andrea Gatto

10:40–11:10

Coffee and Tea Break / Poster Viewing

11:10–11:25

Understanding ultracompact H II regions

Speaker

Thomas Peters

11:25–11:40

An analytic model for the dynamics of the ionized outflows of massive protostars

Speaker

Eric Keto

11:40–11:55

Deciphering the violent interaction between very massive stars and their natal clouds in the Carina Nebula Complex

Speaker

Prof. Thomas Preibisch

11:55–12:10

Models for the circumstellar medium of massive runaway stars

Speaker

Dominique Meyer

12:10–12:25

Dynamics of H II regions around exiled O stars

Speaker

Jonathan Mackey

12:25