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3. *Effects of Magnetic Field Strength and Orientation on Molecular Cloud Formation*
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4. *Driving Turbulence and Triggering Star Formation by Ionizing Radiation*
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5. *iVINE - Ionization in the parallel tree/SPH code VINE: First results on the observed age-spread around O-stars*
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6. *Rapid Molecular Cloud and Star Formation: Mechanisms and Movies*
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7. *Fast Dynamos in Weakly Ionized Gases*
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9. *Evolution of Unmagnetized and Magnetized Shear Layers*
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11. *Magnetized Nonlinear Thin-Shell Instability: Numerical Studies in Two Dimensions*
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12. *The Frequency of Mid-Infrared Excess Sources in Galactic Surveys*
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14. *Cloud Dispersal in Turbulent Flows*
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15. *Thermal Instability in a Weakly Ionized Plasma*
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16. *The Birth of Molecular Clouds: Formation of Atomic Precursors in Colliding Flows*
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17. *The Formation of Turbulent Molecular Clouds: A Modeler's View*
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18. *Formation of Structure in Molecular Clouds: A Case Study*
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26. *The Formation of Protostellar Cores out of a Turbulent Cloud*
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27. *Turbulent Ambipolar Diffusion: Numerical Studies in 2D*
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28. *Suppression of Fast Reconnection by Magnetic Shear*
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29. *Fast Reconnection in a Two-Stage Process*
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30. *Numerical Simulations of Magnetic Fields in Astrophysical Turbulence*
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31. *On the Structure of Self-gravitating Molecular Clouds*
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32. *Magnetic Field Diagnostics Based on Far-Infrared Polarimetry: Numerical Simulations*
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33. *Gravitational Collapse in Turbulent Molecular Clouds II. MHD Turbulence*
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36. *The Metal-rich Globular Clusters of the Milky Way*
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37. *Numerical Star Formation Studies – A Status Report*
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38. *Faraday Tomography of an MHD-simulated Volume of Galactic ISM*
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Selected Conference Proceedings

39. *Flow-Driven Formation of Massive Cores: Rapid & Efficient?*
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41. *Flux Transport in the ISM through Turbulent Ambipolar Diffusion*
Heitsch, F. Zweibel, E.G., Slyz, A.D., Devriendt, J.E.G. 2004
in "Magnetic Fields and Star Formation: Theory versus Observations",
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42. *Alfvén-wave Driven Turbulence in Molecular Clouds*
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43. *Can Magnetized Turbulence Support Molecular Clouds?*
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Invited Talks

1. *Setting the Star Formation Efficiency: Lessons from Detailed Numerical Simulations*
   at *The SFR50*, Abbazia di Spineto, Italy; 07/07/2009
2. *The Making Molecular Clouds: The Role of Magnetohydrodynamical and Thermal Instabilities*
   at *Turbulence and Hydrodynamical Instabilities*, Garching, Germany; 11/19/2008
3. *Rapid Star Formation in Colliding Flows: the Molecular Perspective*
   at *HI Survival through Cosmic Times*, Abbazia di Spineto, Italy; 06/14/2007
4. *Magnetohydrodynamic Boltzmann Solvers*
   at *Structure Formation in the Universe: Galaxies, Stars Planets*, Chamonix, France; 05/29/2007
5. *Formation of Small Scale Structure in Large Scale Flows in the ISM*
   at *Microstructures in the Interstellar Medium*, Lake Geneva, WI; 04/24/2007
6. *Turbulence Generation in Filamentary Molecular Clouds: a modeler's view*
   at *Annual Conference of the Astronomische Gesellschaft*, Cologne, Germany; 09/30/2005

Colloquia

Herzberg Institute of Astrophysics, Victoria (04/28/2009);
U Michigan (03/19/2009);
UNC Chapel Hill (03/16/2009);
U Oakland (02/19/2009);
Columbia U (02/04/2009);
U Arizona-Tucson/Steward Observatory (03/06/2008);
U Wyoming, Laramie (11/27/2007);
U Florida, Gainesville (10/10/2007);
UNAM Morelia (12/14/2006);
U Toledo (12/07/2006);
U Iowa (12/04/2006);
U Colorado-Boulder (11/29/2006);
U Michigan, Ann Arbor (11/09/2006);
U Illinois, Urbana-Champaign (10/24/2006);
USM Munich (05/31/2006);
U Tübingen (05/29/2006);
MPIfR Bonn (10/14/2005);
U Wisconsin-Madison (09/06/2005);
U Basel (06/21/2005);
AIP Potsdam (11/11/2004);
U Wisconsin-Madison (09/16/2003);
MPIA Heidelberg (01/28/2000, 06/01/2001);

Selected Seminars

U Oxford (05/31/2008);
U Princeton (09/24/2007);
Northwestern, Evanston/IL (01/22/2008);
U Virginia-Charlottesville (05/15/2007);
U Iowa (12/05/2006);
U Chicago (04/07/2004);
ENS Lyon (11/18/2003);
U Chicago (04/08/2003);
U Colorado-Boulder (11/21/2002);
AMNH, New York (08/19/2002);
MPIA Heidelberg (06/10/2002);
U Oxford (06/03/2002);
U Colorado-Boulder (10/26/2001)
U Illinois, Urbana-Champaign (04/24/2000);