

PUBLICATIONS DE L'UNITÉ UMR 5804 (LAB)

2005 – 2009 - EQUIPE AMOR

ACL – PUBLICATIONS À COMITÉ DE LECTURE

2005

-Piétu, Vincent; Guilloteau, S.; Dutrey, Anne,
«Sub-arcsec imaging of the AB Aur molecular disk and envelope at millimeter wavelengths: a non Keplerian disk»,
Astronomy and Astrophysics, (2005) 443 945-954

-Beust, H.; Dutrey, A.
« Dynamics of the young multiple system GG Tauri. I. Orbital fits and inner edge of the circumbinary disk of GG
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-Beust, H.; Dutrey, Anne,
«Dynamics of the young multiple system GG Tauri II. Relation between the stellar system and the circumbinary
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Astronomy and Astrophysics, (2006) 446 137-154

-Guilloteau, S.; Piétu, Vincent; Dutrey, Anne; Guélin, Michel,
«Deuterated molecules in DM Tau: DCO+, but no HDO»,
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-Pety, Jérôme; Gueth, Frédéric; Guilloteau, S.; Dutrey, Anne,
«Plateau de Bure Interferometer Observations of the Disk and Outflow of HH30»,
Astronomy and Astrophysics, (2006) 458 841-854

-Piétu, V.; Dutrey, Anne; Guilloteau, S.; Chapillon, E.; Pety, J.,
«Resolving the inner dust disks surrounding LkCa 15 and MWC 480 at mm wavelengths»,
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-Wakelam, Valentine; Herbst, Eric; Selsis, F.; Massacrier, Gérard,
«Chemical sensitivity to the ratio of the cosmic-ray ionization rates of He and H2 in dense clouds»,
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-Dutrey, Anne; Henning, T.; Guilloteau, S.; Semenov, D.; Piétu, V.; Schreyer, K.; Bacmann, A.; Launhardt, R.; Pety, J.; Gueth, F.,

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Astronomy and Astrophysics, (2007) 464 615-623

-Dutrey, Anne; Guilloteau, S.; Ho, P.,

«Interferometric Spectroimaging of Molecular Gas in Protoplanetary Disks», (2007) 495-506 Protostars and Planets V, B. Reipurth, D. Jewitt, and K. Keil (eds.), University of Arizona Press, Tucson, 951 pp., 2007., p.495-506 LPI (2007) États-Unis d'Amérique

-Dutrey, Anne,

«Circumstellar Disks around young low-mass Stars: observed Properties and Lifetime»,
Comptes Rendus Geoscience, (2007) 339 14-15 862-871

-Pavlyuchenkov, Ya.; Semenov, D.; Henning, Th.; Guilloteau, S.; Pietu, V.; Launhardt, R.; Dutrey, Anne,

«Molecular line radiative transfer in protoplanetary disks: Monte Carlo simulations versus approximate methods»,
The Astrophysical Journal (2007) 669 2 1262-1278

-Piétu, Vincent; Dutrey, Anne; Guilloteau, S.

«Probing the structure of protoplanetary disks: a comparative study of DM Tau, LkCa 15 and MWC 480»,
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-Alloin, D.; Kneib, J.-P.; Guilloteau, S.; Bremer, M.,

«Dust and molecular content of the lensed quasar, MG0751+2716, at $z = 3.2$ »,
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-Garrod, R. T.; Wakelam, Valentine; Herbst, E.,

«Non-thermal desorption from interstellar dust grains via exothermic surface reactions»,
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-Guilloteau, S.; Dutrey, Anne,

«A new view of proto-planetary disks with ALMA»,
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-Schreyer, Katharina; Guilloteau, S.; Semenov, Dmitry; Bacmann, A.; Chapillon, E.; Dutrey, Anne; Gueth, Frederic; Henning, Thomas; Hersant, F.; Launhardt, Ralf; Pety, Jerome; Pietu, Vincent, «Chemistry in Disks. II. -- Poor molecular content of the AB Aur disk», Astronomy and Astrophysics, (2008) 491 3 821-827

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INV - CONFÉRENCES INVITÉES

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«Circumstellar Disks around young low-mass Stars: observed Properties and Lifetime»,

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-Dutrey, Anne.

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-Guilloteau, S.

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-Dutrey, Anne,

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-Guilloteau, S.

«Low signal to noise data analysis »

6th IRAM Millimeter Interferometry School Grenoble, October 6-10, (2008)

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-Dutrey, Anne; Guilloteau, S.; Ho, P.,

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-Pernot, P.; Carrasco, N.; Dobrijevic, M.; Hébrard, E.; Plessis, Sylvain; Wakelam, Valentine,
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AP – AUTRES PRODUCTIONS

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