

DAVID CHARBONNEAU

Publications and Recent Invited Talks

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PUBLICATIONS (69)

"Characterization of the HD 17156 Planetary System", M. Barbieri, R. Alonso, S. Desidera, A. Sozzetti, A. F. Martinez Fiorenzano, J. M. Alamenara, M. Cecconi, R. U. Claudi, **D. Charbonneau**, M. Endl, V. Granata, R. Gratton, G. Laughlin, & B. Loeillet, and the Exoplanet Amateur Consortium, *A&A*, submitted, 2008

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"A New Spectroscopic and Photometric Analysis of the Transiting Planet Systems TrES-3 and TrES-4", A. Sozzetti, G. Torres, **D. Charbonneau**, J. N. Winn, S. G. Korzennik, M. J. Holman, D. W. Latham, J. B. Laird, J. Fernandez, F. T. O'Donovan, G. Mandushev, E. W. Dunham, M. E. Everett, G. A. Esquerdo, M. Rabus, J. A. Belmonte, H. J. Deeg, T. M. Brown, M. G. Hidas, & N. Baliber, *ApJ*, 691, 1145, 2009

"Transit Spectroscopy of the Hot Neptune Around GJ 436 with HST", F. Pont, R. L. Gilliland, H. Knutson, M. Holman, & **D. Charbonneau**, *A&A*, 393, L6, 2009

"Absolute Properties of the Low-Mass Eclipsing Binary CM Draconis", J. C. Morales, I. Ribas, C. Jordi, G. Torres, J. Gallardo, E. F. Guinan, **D. Charbonneau**, M. Wolf, D. W. Latham, G. Anglada-Escude, D. H. Bradstreet, M. E. Everett, F. T. O'Donovan, & G. Mandushev, *ApJ*, 691, 1400, 2009

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"Extrasolar Planet Detection by Binary Stellar Eclipse Timing: Evidence for a Third Body Around CM Draconis", H. J. Deeg, B. Ocana, V. P. Kozhevnikov, **D. Charbonneau**, F. T. O'Donovan, & L. R. Doyle, *A&A*, 135, 850, 2008

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D. Charbonneau, T. M. Brown, R. L. Gilliland, R. W. Noyes, & A. Burrows, in ASP
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“Shadows and Reflections of Extrasolar Planets”, **D. Charbonneau**,
Harvard University, 2001

SELECTED INVITED TALKS Colloquium, NASA Goddard Space Flight Center Astrophysics Science Division
DURING 2006 - 2008 Greenbelt, MD, December 2008
(32 LISTED)

Colloquium, University of Pittsburgh and Carnegie Mellon University
Pittsburgh, PA, December 2008

Joint Colloquium, Heidelberg Astronomy Institutes
Heidelberg, Germany, November 2008

Invited Review, Conference "Molecules in the Atmospheres of Exoplanets"
Paris, France, November 2008

Invited Review, 40th Mtg of the Div of Planetary Sciences, American Astronomical Society
Ithaca, NY, October 2008

Summer Colloquium, Harvard-Smithsonian Center for Astrophysics
Cambridge, MA, July 2008

Invited Plenary Review, 212th Meeting of the American Astronomical Society
St. Louis, MO, June 2008

Opening Review, International Astronomical Union Symposium 253 "Transiting Planets"
Cambridge, MA, May 2008

Colloquium, The State Univ. of New York Stony Brook, Dept of Physics & Astronomy
Stony Brook, NY, April 2008

Colloquium, Institute for Advanced Study
Princeton, NJ, April 2008

Colloquium, Ntl Radio Astronomy Observatory & Univ. of Virginia Dept of Astronomy
Charlottesville, VA, March 2008

Colloquium, The University of Minnesota, School of Physics and Astronomy
Minneapolis, MN, March 2008

Colloquium, The Ohio State University, Department of Astronomy
Columbus, OH, February 2008

Colloquium, Cornell University, Department of Astronomy
Ithaca, NY, November 2007

Colloquium, Brown University, Department of Physics
Providence, RI, September 2007

Colloquium, National Optical Astronomical Observatory / Steward Obs., Univ. of Arizona
Tucson, AZ, September 2007

Colloquium, University of Texas at Austin, Department of Astronomy
Austin, TX, September 2007

Invited Review, Nobel Symposium 135, "The Physics of Planetary Systems"
Stockholm, Sweden, June 2007

Invited Review, 210th Meeting of the American Astronomical Society
Honolulu, HI, May 2007

Colloquium, Boston University, Institute for Astrophysical Research
Boston, MA, April 2007

Colloquium, Northwestern University, Astronomy & Astrophysics
Evanston, IL, April 2007

Invited Review, European Southern Observatory Workshop "Observing Planetary Systems"
Santiago, Chile, March 2007

Colloquium, McGill University, Department of Physics
Montreal, Quebec, February 2007

Invited Speaker, Exoplanet Task Force (NASA HQ)
Washington, DC, February 2007

Invited Speaker, Science and Society: Closing the Gap Conference
Boston, MA, January 2007

Invited Review, Ntl Academy of Sciences "Evolution and Exploration of Solar Systems"
Irvine, CA, January 2007

Colloquium, Harvard University, Department of Physics
Cambridge, MA, October 2006

Invited Review, NAS/Humboldt Foundation German-American Frontiers of Science Symp.
Potsdam, Germany, June 2006

Colloquium, Brandeis University, Department of Physics
Waltham, MA, April 2006

Invited Talk, California Institute of Technology, Geological and Planetary Sciences Div.
Pasadena, CA, April 2006

Colloquium, Yale University, Department of Astronomy
New Haven, CT, April 2006

Colloquium, Space Telescope Science Institute
Baltimore, MD, April 2006