

# KENNETH W. CAVAGNOLO

## PUBLICATIONS

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<b>First Author Refereed Papers</b>	<i>“X-ray and Entropy Scaling Relations in Galaxy Clusters”</i> <b>Cavagnolo, Kenneth W.</b> ; Voit, G. Mark; and Donahue, Megan 2008, in prep. for ApJ
	<i>“Feedback Mechanisms in Galaxy Clusters and Alteration of ICM Entropy”</i> <b>Cavagnolo, Kenneth W.</b> ; Donahue, Megan; and Voit, G. Mark 2008, in prep. for ApJ
	<i>“Star Formation in BCGs: Resurrecting Conduction”</i> <b>Cavagnolo, Kenneth W.</b> ; Donahue, Megan; and Voit, G. Mark 2008, near ApJ Letters submission
	<i>“Athenaeum of Galaxy Cluster Entropy Profiles”</i> <b>Cavagnolo, Kenneth W.</b> ; Donahue, Megan; Voit, G. Mark; and Sun, Ming 2007, ApJ Supplement submitted
	<i>“X-ray Band Dependence of X-ray Temperatures in Galaxy Clusters”</i> <b>Cavagnolo, Kenneth W.</b> ; Donahue, Megan; Voit, G. Mark; and Sun, Ming 2007, ApJ submitted
<b>Other Refereed Papers</b>	<i>“Star Formation, Radio Sources, Cooling X-Ray Gas and Galaxy Interactions in the Brightest Cluster Galaxy in 2A0335+096”</i> Donahue, Megan; Sun, Ming; O’Dea, Christopher P.; Voit, G. Mark; <b>Cavagnolo, Kenneth W.</b> <a href="#">2007AJ....134...14D</a>
	<i>“Entropy Profiles in the Cores of Cooling Flow Clusters of Galaxies”</i> Donahue, Megan; Horner, Donald J.; <b>Cavagnolo, Kenneth W.</b> ; Voit, G. Mark <a href="#">2006ApJ...643..730D</a>
	<i>“s-Process Abundances in Planetary Nebulae”</i> Sharpee, Brian; Zhang, Yong; Williams, Robert; Pellegrini, Eric; <b>Cavagnolo, Kenneth</b> ; Baldwin, Jack A.; Phillips, Mark; Liu, Xiao-Wei <a href="#">2007ApJ...659.1265S</a>
<b>Presented Work &amp; Talks</b>	INVITED TALK: <i>“Understanding Feedback in Galaxy Clusters”</i> 2008 Center for Study of Cosmic Evolution Seminar, Michigan State University
	INVITED TALK: <i>“Band Dependence of X-ray Temperatures”</i> <a href="#">2007 University of Michigan Astrophysics Seminar</a>
	POSTER: <i>“The Entropy-Feedback Connection and Quantifying Cluster Virialization”</i> <b>Cavagnolo, Kenneth W.</b> ; Donahue, Megan; Voit, G. Mark; and Sun, Ming <a href="#">2007 Eight Years of Science with Chandra Symposium</a>

POSTER: “*Chandra Studies of Dark Matter and Galaxy Formation: Signatures from the Intracluster Medium*”

Donahue, Megan; Sun, M.; **Cavagnolo, K.**; Voit, G.

[2006 Winter Meeting of the American Astronomical Society](#)

PROCEEDING: “*Abundances of s-process elements in planetary nebulae: Br, Kr & Xe*”

Zhang, Y.; Williams, R.; Pellegrini, E.; **Cavagnolo, K.**; Baldwin, J. A.; Sharpee, B.; Phillips, M.; Liu, X.-W.

[2006 IAU Symposium](#)

POSTER: “*Studies of Entropy Distributions in X-ray Luminous Clusters of Galaxies*”

**Cavagnolo, K. W.**; Donahue, M. E.; Voit, G. M.; Sun, M.; Evrard, A. E.

[2005 Winter Meeting of the American Astronomical Society](#)

POSTER: “*Entropy Distributions in the Cores of Nearby X-ray Luminous Clusters of Galaxies*”

**Cavagnolo, K. W.**; Donahue, M. E.; Voit, G. M.; Horner, D. J.; Evrard, A. E.

[2004 Winter Meeting of the American Astronomical Society](#)

POSTER: “*Radio-Free Cluster Cooling Flows*”

Donahue, M. E.; Voit, G. M.; **Cavagnolo, K.**

[2004 Winter Meeting of the American Astronomical Society](#)