

# Jun Koda

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## Education

Ph.D. in Physics, The University of Texas at Austin, USA	2009
Adviser: Professor Paul R. Shapiro	
Title: ‘Gravitational Dynamics of Halo Formation in a Collisional vs Collisionless Cold Dark Matter Universe’	
Bachelor of Science in Physics, Kyoto University, Japan	2002

## Research Interests

Large-Scale Structure, Redshift-Space Distortions, Peculiar velocity field  
Cosmological  $N$ -body Simulations, Multiple realizations of mock galaxy catalogs

## Employment

Postdoctoral Research Fellow	2014 – present
INAF - Osservatorio Astronomico di Brera	
Postdoctoral Research Associate	2011 – 2014
Centre for Astrophysics and Supercomputing, Swinburne University of Technology	
Postdoctoral Fellow	2009 – 2011
Department of Astronomy, The University of Texas at Austin	

## Professional Activities

Co-supervisor of a Graduate Student	2012 – present
Supervision of a Vacation Student	Summer 2012
Vacation Student Organizer	2012 – 2013

## Teaching

Assistant Instructor, Mechanics and Heat for non-science majors (PS303)	2006 – 2007 & 2009
Head Teaching Assistant, Physics laboratory course for engineers (PHY103N)	2004 – 2006
Teaching Assistant (PHY103N)	2002 – 2004

## Grants

The Chandra X-ray Observatory Theory Project Cycle 9 (Co-I; PI Prof. Paul R. Shapiro)	2008
‘Simulations of the Merging Bullet Cluster: Testing $\Lambda$ CDM and the Dynamics of Cluster Plasma’	

## References

### **Professor Paul R. Shapiro**

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### **Professor Eiichiro Komatsu**

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