

# SuperSoft X-ray Sources – New Developments Programme

**Monday, 18 May 2009**

## Introduction

13:30 – 13:40 *Schartel, Norbert*

## X-ray and optical observations

13:40 – 14:15 *Kato, Mariko*: Accreting white dwarfs as supersoft X-ray sources

14:15 – 14:50 *Rauch, Thomas*: Non-LTE model atmospheres for supersoft X-ray sources

14:50 – 15:15 *Burwitz, Vadim*: Comparison of X-ray bright states in the supersoft source RXJ0513.9-6951

15:15 – 15:45 Coffee break

15:45 – 16:10 *Ebisawa, Ken*: Spectral study of CAL87

16:10 – 16:35 *Schwarz, Robert*: XMM monitoring of the state transition of the transient supersoft source CAL 83

16:35 – 17:00 *Beardmore, Andy*: Swift observations of CSS081007:030559+054715

## Novae as supersoft X-ray sources

17:00 – 17:35 *Bode, Michael*: The outbursts of classical and recurrent novae

**Tuesday, 19 May 2009**

**Novae as supersoft X-ray sources (continued)**

09:30 – 10:05	<i>Hernanz, Margarita</i> : X-ray observations of classical novae – Theoretical implications
10:05 – 10:30	<i>Van Rossum, Daan</i> : Expanding atmosphere models for SSS
10:30 – 10:55	<i>Hachisu, Izumi</i> : A light curve model of the shortest supersoft X-ray source phase of V2491 Cygni
10:55 – 11:25	Coffee break
11:25 – 11:50	<i>Ness, Jan-Uwe</i> : The SSS phase of the classical nova V2491 Cyg
11:50 – 12:15	<i>Osborne, Julian</i> : Swift observations of supersoft emission from novae
12:15 – 12:40	<i>Takei, Dai</i> : Study of super-hard X-ray emission from the classical nova V2491 Cygni
12:40 – 13:15	<i>Pietsch, Wolfgang</i> : X-ray emission from optical novae in M31
13:15 – 13:40	<i>Henze, Martin</i> : Supersoft X-ray sources and classical novae in M31 globular clusters
13:40 – 15:10	Lunch break
15:10 – 16:25	Discussion
16:25 – 16:55	Coffee break
16:55 – 17:20	<i>Di Mille, Francesco</i> : Optical spectroscopy of novae in M31
<b>Population Properties</b>	
17:20 – 17:55	<i>Politano, Michael</i> : Evolutionary scenarios of SSSs: the current state of affairs
18:30	Social event: 'From Bach to the Universe'
21:30	Workshop dinner at the Victoria Palace Hotel in El Escorial

## Wednesday, 20 May 2009

<b>Population properties (continued)</b>	
09:30 – 10:05	<i>Di Stefano, Rosanne</i> : Chandra observations of SSSs in galaxies: what we have learned about Type Ia progenitors and intermediate-mass black holes
10:05 – 10:40	<i>Orio, Marina</i> : A census of supersoft X-ray sources in M31
10:40 – 11:05	<i>Stiele, Holger</i> : SSS in M31: Comparing the XMM-Newton Deep Survey, ROSAT and Chandra catalogues
11:05 – 11:35	Coffee break
11:35 – 12:10	<i>Podsiadlowski, Philipp</i> : Supersoft X-ray sources and the progenitors of Type Ia supernovae
12:10 – 12:35	<i>Nelson, Thomas</i> : SSS in young stellar populations: progenitors of the “prompt” Sne Ia?
<b>Other related objects</b>	
12:35 – 13:10	<i>Sokoloski, Jennifer</i> : Quasi-steady shell burning in symbiotic binary stars
13:10 – 13:35	<i>Greiner, Jochen</i> : The relation between VY Scl stars and supersoft X-ray sources
13:35 – 14:45	Lunch break
14:45 – 15:10	<i>Kotko, Iwona</i> : Outburst properties of AM CVn stars
15:10 – 15:35	<i>Boller, Thomas</i> : Super Soft AGNs and their relations to Galactic binaries
15:35 – 16:00	<i>Duro, Refiz</i> : Quick Slew Data Analysis - finding variable sources
<b>Concluding remarks</b>	
16:00 – 16:15	<i>Haberl, Frank</i>
16:15 – 16:45	Coffee
16:45	Workshop ends