

# Curriculum Vitae

## Vallery Dragomirov Stanishev

### Personal data

Born: 18 November 1970, Varna, Bulgaria  
Nationality: Bulgarian  
Marital Status: married: Vanya Darakchieva, Ph.D. in Physics  
Children: daughter Milla, born 29 January 2003; son Georgi, born 16 December 2004  
Parental leave: 1 month in 2004  
Military Service: 1988-1990

### Education

2002 **Ph.D. in Astrophysics**, Institute of Astronomy, Bulgarian Academy of Sciences  
Thesis title: *Accretion structures in cataclysmic binaries*  
Supervisor: Prof. Zdravka Kraicheva

1995 **M.Sc. in Physics**, Major: Astrophysics  
Faculty of Physics, Sofia University  
Thesis title: *Studies of cataclysmic binaries: TT Ari*  
Supervisor: Prof. Zdravka Kraicheva

### Current Position and Appointments

2005/07-present Research Associate, Physics Department, Stockholm University  
2002/11-2005/06 post-doc, Physics Department, Stockholm University  
2002/8-2002/10 post-doc, The Royal Observatory of Belgium  
1999-2002 Ph.D. student, Institute of Astronomy, Bulgarian Academy of Sciences  
1997-1999 Research Associate, Institute of Astronomy, Bulgarian Academy of Sciences  
1995-1996 Research Associate, 50% "Rozhen" National Astronomical Observatory,  
50% Institute of Astronomy, Bulgarian Academy of Sciences

### Scholarships and Awards

2004 Awarded the prize "Marin Drinov" of the Bulgarian Academy of Sciences for most prominent young researcher in Physics  
2002/11-2005/06 EU RTN Postdoctoral Fellowship ("The Physics of Type Ia Supernovae" under contract HPRN-CT-2002-00303)  
2002/08-2002/10 Postdoctoral Fellowship (Belgian Federal Science Policy, within the project "Multicolor photometry and astrometry of double and multiple stars")  
1999-2002 Ph.D. Studentship (Ministry of Education, Science and Technology, Bulgaria)

### Research

**Research Interests** supernovae; photometric methods, synthetic photometry; interacting binary stars, cataclysmic variables; accretion in close binary stars; indirect imaging techniques, maximum entropy; image processing; time series analysis;

**Publications** Author and co-author of 25 peer-reviewed articles in recognized scientific journals, including one in *Nature*

**Research Grants** 1997-2000, Co-Investigator, "*Accretion Strictures in Cataclysmic Binaries*"  
Bulgarian National Science Research Council, Contract No. 715/97  
1995-1996, Co-Investigator, "*Studies of Close Binary Stars*"  
Bulgarian National Science Research Council, Contract No. 346/97

**Experience** coordination of observations on a large network of telescopes; reduction and analysis of data from a large number of optical and infrared imagers/spectrographs; experience with ACS on *HST*

## **Teaching**

involved in supervision of 1 Ph.D. student