

Sylvia EKSTRÖM GARCÍA NOMBELA

Date of birth: June 1st, 1966
Place: Stockholm (Sweden)

Nationality: swiss (GE)
Marital status: married



Contact details

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Education

Sep. 2008 PhD thesis in Astrophysics (*'The evolution of fast rotating massive stars at low or zero metallicity'*) under the supervision of Prof. G. Meynet, Geneva Observatory
Jan. 2006 MAS in Astronomy, Geneva Observatory
May 2004 Master's thesis in Physics (*'Rotating Primordial Stars'*), University of Geneva
Sep. 1988 Midwife diploma, Le Bon Secours, Geneva
June 1985 Maturité fédérale (greek-latin), Collège Calvin, Geneva

Experience

since Apr. 2009 Scientific collaborator at the Geneva Observatory:
50% research in the stellar evolution group
50% coordination of the public outreach actions
Sep. 2008 – Mar. 2009 Postdoctoral researcher in the stellar evolution group of the Geneva Observatory
Oct.-Nov. 2006 Teaching at Ecole Romande d'Astronomie, Lausanne
since 2004 Tutor for 3rd year semester projects and diploma works
Participation to actions of scientific promotion
Public observations and visits of the Observatory
1988 - 1999 Midwife position at Hôpital de zone, Morges (childbirth classes, prenatal care, labor and delivery unit, postnatal care)

Prize

2008 Plantamour-Prévost Prize, University of Geneva

Invited talks, seminars and lectures

Invited talks CHARA workshop, Nice (France), March 2009
Seminars Basel University (Switzerland), May 2009
GRAAL, Montpellier University (France), November 2008
Lectures Formation continue des enseignants en physique genevois, Genève, janvier 2009
Formation continue de la Commission Romande de Physique, Sion, septembre 2009

Public outreach conferences

May 2010	"Du nuage au nuage, le grand cycle des étoiles", SAVAR , Sion VS
January 2010	"Dernières nouvelles des premières étoiles", Astrochablais , Monthey VS
November 2009	"Vol de Nuit, de la Terre aux confins de l'Univers", Annemasse, France
September 2009	"Vol de Nuit, de la Terre aux confins de l'Univers", Grignon, France
	"Du nuage au nuage, le grand cycle des étoiles", SNA , Malvilliers NE
April 2009	"La lumière dans tous ses états", Musée d'Histoire des Sciences , Geneva
February 2009	"Du nuage au nuage, le grand cycle des étoiles", SANV , Yverdon VD
July 2006	"Du nuage au nuage, le grand cycle des étoiles", Nuit de la Science , Geneva
April 2005	"Formation des premières étoiles de l'Univers", SAG , Geneva

Membership

since 2007	Member of the permanent college of experts of Geneva for the formation of physics lab assistants
since 2005	IAU Working Group on Massive Stars
since 2004	Swiss Society of Astronomy and Astrophysics European Astronomical Society
since 1988	Swiss Federation of Midwives

Service

2008-2009	Member of the swiss steering comitee for IYA 2009
since 2008	Webmaster and member of the LOC for the IAU Symposium 268 'Light elements in the Universe' Webmaster for the swiss website of IYA 2009
since 2006	Webmaster for the Swiss Astronomy Network for Stellar Evolution Webmaster for the Stellar evolution group , Geneva Observatory Webmaster for the female vocal consort Volubilis

Skills

- **computing:**

- operating systems: Mac OS X, Solaris (Unix)
- programming: Fortran, HTML, Javascript, SuperMongo, Pascal
- softwares: Illustrator, InDesign, Photoshop, Office, LaTeX, LilyPond

- **Languages:**

- french (mother tongue)
- english (fluent)
- spanish (advanced)
- german (basics)
- greek (basics)

- **Music:**

- choir singing (in the mixed choir *le Motet de Genève* and in the female vocal consort *Volubilis*)
- music score editing