

Announcement of the Workshop

400 years of Stellar Rotation

17–22 November 2013, Natal, Brazil



In 1613 Galileo Galilei reported in the *Istoria e dimostrazioni intorno alle macchie solari e loro accidenti* the evidence of solar spots and the interpretation of their motion as due to solar rotation. After 400 years we are able to quantify, thanks to extremely fine experiments like SOHO, details of the internal and surface rotation of the Sun, and to measure, thanks to precise photometry obtained with the Kepler and COROT satellites, rotation periods for large numbers of stars. In addition, projected rotational velocities ($V \sin i$) are now available for thousands of these stars, thanks to ground-based high resolution spectroscopy. These data offer the unique possibility to study in detail the behaviour of the rotation of the Sun over time, as well as the evolutionary behaviour of stellar rotation all along the Hertzsprung–Russell diagram.

Stellar rotation is not only a key ingredient to understanding solar and stellar angular momentum evolution properly. This

fundamental parameter can also provide important constraints for models of stellar evolution, as well as important information on the presence of external rotational brakes, tidal interactions in binary systems and on the mechanisms controlling stellar activity. Rotation also plays a primary role in stellar chemical evolution and it reflects the complex interaction between stars and the circumstellar/ protoplanetary disc in the pre-main sequence phase.

To celebrate the 400 years of the public announcement of the Sun's rotation by Galileo Galilei, the workshop, *400 Years of Stellar Rotation*, co-sponsored by the European Southern Observatory and the International Institute of Physics of Natal, will be held in Natal, Brazil.

Additional information can be found at the workshop website: <http://www.dfte.ufrn.br/400rotation/>.

Registration is open until 1 June 2013.

Personnel Movements

Arrivals (1 January–31 March 2012)

Europe

Barbosa, Carlos Eduardo (BR)	Student
De Pascale, Marco (I)	Student
Gall, Elisabeth (D)	Student
Jochen, Haucke (D)	Head of Software Engineering
Riedel, Mario (D)	Administrative Clerk
Zocchi, Alice (I)	Student

Chile

González, Edouard (RCH)	Telescope Instruments Operator
Pallanca, Laurent (F)	Instrumentation Engineer
Razmilic, Jasna (RCH)	Executive Assistant
Sippel, Anna (D)	Student
Smith, Gerardo (RCH)	Electronics Technician

Departures (1 January–31 March 2012)

Europe

Allouche, Fatme (RL)	Instrumentation Engineer
Alvarez Candal, Alvaro (RA)	Fellow
Drouart, Guillaume (F)	Student
Iribarrem, Alvaro (BR)	Student
Lakicevic, Masha (SRB)	Student
Longmore, Steven (GB)	Fellow
Märcker, Matthias (D)	Fellow
Rushton, Anthony (GB)	Fellow
Smolcic, Vernesa (HR)	Fellow
Zilker-Kramer, Irmtraud (D)	Paid Associate

Chile

Araya, Ernesto (RCH)	Optical Technician
Barria, Daniela (RCH)	Student
Bhatia, Ravinder (GB)	Project System Engineer
de Graauw, Mattheus Thijs (NL)	ALMA Director
Lieder, Stefan (D)	Student
Riffo, Lidia (RCH)	Secretary
Tyndall, Amy (GB)	Student
West, Michael (USA)	Head of Science Vitacura