

Albert Comellas Prat

Birth: **12th October 1984, Manresa (Barcelona), Spain**

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EDUCATION

- I completed my European Master in Meteorology in July 2010 at the University of Barcelona. The results of my master thesis, *Predictive ability of severe rainfall events over Catalonia for year 2008*, were presented at the 12th Plinius Conference on Mediterranean Storms held in Corfu, Greece (September 1st-4th 2010).
- I graduated in July 2006 in Physics and Meteorology (MPhys) at the University of Reading (Honours Degree). Studying this degree gave me ability for problem-solving, team-working, giving presentations in front of people, getting projects done under pressure, etc. All in all, I achieved an in-depth knowledge of Atmospheric Science and Physics.
 - My dissertation, *Effects of gravity currents' flow through obstacles*, involved performing experimental simulations in the departmental laboratory.
- Previous qualifications: *Batxillerat* (Catalan equivalent of British A-levels), studied in CE Ramar II (Sabadell). Mark obtained: 70 % (main subjects: Physics, Mathematics, Mechanics and Chemistry). September 2000 – June 2002
- Title of *Educació Secundària Obligatòria* (ESO) (Compulsory secondary education), studied in CE Ramar II (Sabadell). September 1996 – June 2000

English language titles:

- *First Certificate in English*, by the British Council in Barcelona. 2002
- *Test of English as a Foreign Language* (TOEFL), in the North American studies Institute in Barcelona. 2002

WORK EXPERIENCE

- I have worked at CIMA Research Foundation from October to December 2010 on the results of my Master research thesis in order to prepare their publication.
- I was granted a 3-month scholarship to carry out my research project at CIMA Research Foundation, in the context of my Master in Meteorology from the University of Barcelona.

SCIENTIFIC PUBLICATIONS

- A. Comellas, M.C. Llasat, L. Molini, A. Parodi, F. Siccardi. *Predictive ability of severe rainfall events over Catalonia for year 2008*, 12th Plinius Conference on Mediterranean Storms, September 1st-4th, Corfu (Greece), 2010. (Oral presentation)
- A. Comellas, M.C. Llasat, L. Molini, A. Parodi, F. Siccardi. *Severe rainfall prediction systems for civil protection purposes*, 12th Plinius Conference on Mediterranean Storms, September 1st-4th, Corfu (Greece), 2010. (Poster presentation)

COURSES AND CONFERENCES

- Attended the seminar *Atmospheric Electricity*, held during May 28th-29th 2009, at the Faculty of Physics of the University of Barcelona.
- Attended the X International Symposium “One Earth” about *Climate Change and Civil Society*, which took place during October 22nd-24th 2008 at the Faculty of Geography of the University of Barcelona.
- Attended the conference *Polar Regions and Global Warming*, on April 20th 2007, at the CosmoCaixa in Barcelona.
- Attended the course *Introduction to Astrophysics and Cosmology*, from June 26th to July 14th 2000, at the Sabadell Astronomical Association.

SKILLS

- Languages:

I am completely fluent in English, as a result of having studied for four years my university degree at an English university; Catalan and Spanish languages are my mother tongues. Furthermore, I speak Italian fluently and some very basic Chinese.

- Computing:

I am used to working both in Windows and UNIX (Linux) environments. I have a very good knowledge of Microsoft Office programs and internet resources. I have a very good domain of MATLAB, and some knowledge of FORTRAN and C programming languages.

- As a result of living away from home and studying abroad, I have acquired some important abilities, such as adaptability, self-discipline, self-management, personal skills, etc.
- I possess the full Spanish driving licence since July 2003.
- I possess the First-aid and Aquatic lifeguard licence.

INTERESTS

- Reading, travelling, practising sports, good music...
- I took a year off travelling around the world on my own as a result of my passion for discovering other cultures and people. (09/2007 – 09/2008)
- I volunteered for some days in the tsunami-affected region of Thailand in the summer of 2005.
- I am member of the Agrupació Astronòmica de Sabadell (Sabadell Astronomy Association), where I took an introductory course on Astrophysics and Cosmology.