

## CV of José M. Juan Zornoza

<b>Name</b>	José Miguel JUAN ZORNOZA	<b>Company</b>	gAGE/UPC
<b>Date of birth</b>	17 December 1958	<b>Nationality</b>	Spaniard
<b>Education</b>	Ph.D. Physics and Astronomy		
<b>Languages</b>	Spanish, English, French, Catalan		
<b>Work experience</b>			
	<p>José Miguel Juan Zornoza was born on December 17th, 1958, in Albacete (Spain). He obtained his Degree in Physics in 1982 and his PhD in Physics in 1993, both from the University of Barcelona, Spain.</p> <p>Since 1987 he works in the Department of Applied Physics in the Technical University of Catalonia (UPC), being Associate Professor from 1992.</p> <p>His research activities are being developed in the research group of Astronomy and Geomatics (gAGE/UPC), working firstly in Galactic Dynamics during the PhD and afterwards in Space Geodesy and Satellite Navigation. His current research interest is in the area of GPS data processing Algorithms, GPS ionospheric tomography, Satellite-Based Augmentation Systems (SBAS) and Precise Radio Navigation. In recent years, and in collaboration with his gAGE/UPC colleagues Dr. M. Hernández-Pajares and Dr. J. Sanz, have developed and tested techniques for very long baseline kinematic GPS: Wide Area RTK algorithm for GPS (1999, in collaboration with Dr. O. Colombo from GSFC/NASA). These techniques have been extended to the GALILEO and GPS-III: the invention of instantaneous Wide Area RTK algorithms for three-frequency systems (2002, under ESA contract and international patent). In the context of SBAS systems, since 2001, together with his gAGE/UPC colleagues, he developed several scientific tools for analyzing the performance of the ESTB/EGNOS system, including a Global Monitoring System for EGNOS under EUROCONTROL contract.</p> <p>Presently, he has been the Principal Investigator of more than 10 national and international scientific projects. He has publishing more than 30 papers in peer reviewed journals, and more than 100 papers in meeting proceedings. He is co-authoring three patents and three GPS processing books. He is reviewer of several international journals in the field and he has been invited to participate and chair in several international meetings.</p> <p>He belongs to several international working groups related with GNSS.</p>		