

## Dr. Zuheir Altamimi

### Address:

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### **Research Activities**

Dr. Zuheir Altamimi is a Research Director at Institut National de l'Information Géographique et Forestière (IGN), and Institut de Physique du Globe de Paris (IPGP), France. His principal research focuses are space geodesy, theory and realization of terrestrial reference systems. Since more than three decades, he is the lead of the research activities related to the development, maintenance, improvement and realization of the International Terrestrial Reference Frame (ITRF), the indispensable reference for solid earth science applications and satellite navigation. Altamimi has been a leader in adopting rigorous mathematical methods to combine diverse multi-center and multi-technique geodetic solutions. Altamimi is author of more than 200 papers, 71 in peer-reviewed scientific journals. His papers on this topic are among the most cited articles in space geodesy, according to Google Scholar (June 2019): a total of 8509 citations, with an H-Index 42.

Dr. Zuheir Altamimi became President of the International Association of Geodesy at the IUGG General Assembly in Montreal, 2019, after serving four years as Vice-President.

### **Education**

2006      Habilitation (2<sup>nd</sup> doctorate), Space Geodesy, Paris University VI  
1990      Ph.D., Space Geodesy, Terrestrial Reference Systems, Paris Observatory  
1982      Master degree, Ecole Nationale des Science Géographiques, IGN, France

### **Experience & employments**

2019 – Present    IPGP-IGN UMR7154: Research Director, Lead of a research group on terrestrial reference systems and the International Terrestrial Reference Frame (ITRF)  
2006 – 2018      IGN: Research Director, Lead of a research group on terrestrial reference systems and the International Terrestrial Reference Frame (ITRF)  
2005 – Present    IGN Primary scientist of the IERS International Terrestrial Reference System (ITRS) Center  
1994 – Present    Main author of CATREF Software Development for Combination and Analysis of Terrestrial Reference Frames  
1985 –            IGN: In charge of ITRF combination activities

### **Honors**

1996      Prix de Cartographie, French Academy of Sciences  
2006      Chevalier dans l'Ordre des Palmes Académiques  
2011      Prix Antoine d'Abbadie, French Academy of Sciences  
2013      Vening Meinesz Medal of the European Geosciences Union  
2014      Officier dans l'Ordre des Palmes Académiques

## **International memberships**

- President of the International Association of Geodesy (IAG): 2019-2023
- Vice-President of the International Association of Geodesy (IAG): 2015-2019
- France's representative to the Sub-Committee on Geodesy of the United Nations Global Geospatial Management (UN-GGIM)
- President of Commission 1 (Reference Frames) of the International Association of Geodesy (IAG) for the period 2007-2011
- Organizer of the IAG Commission 1 international Symposium, October 4-8 2010: Reference Frames for Applications in Geosciences (REFAG)
- Primary scientist of the International Terrestrial Reference System (ITRS) Product Center 01/2005– Present
- Member, Directing Board, International Earth Rotation and Reference Systems Service, 2005– Present
- Member, Governing Board, International Laser Ranging Service, 2007-2011
- Member, Governing Board, International GNSS Service, 2011- Present
- Primary IGN Contact, Galileo Geodetic Service Provider Consortium,
- Member of the US National Research Council (NRC) Committee on Precise Geodetic Infrastructure 2008-2010.
- Member of Working Group, NASA Space Geodesy Project: 2012
- Member of American Geophysical Union since 2002
- President, IAG Sub-commission 1.3 (Regional Reference Frames), 2003-2007
- Chair, EUREF Technical Working Group, 2003-2007
- Fellow, International Association of Geodesy (IAG)
- Session organizer and chair for AGU, EGU, IAG, and IUGG conferences.