

Pat Norris



Pat Norris's 45+ years of space experience includes the Apollo Moon landings as a NASA contractor, and the Hubble Space Telescope at the European Space Agency. Since 1980 he has worked for Europe's leading software company, CGI (formerly Logica), currently as adviser to the Vice President Space. He is a frequent presenter and commentator on space topics, and is the author of two books: *Spies in the Sky* (2007) describing the critical role of surveillance satellites during the Cold War and *Watching Earth from Space* (2010), reviewing all of the forms of spacecraft, civil and military, currently observing the Earth. Pat was Chairman of the Space Specialist Group of the Royal Aeronautical Society 2004-2012 and Chairman of the trade association of the UK space industry, UKspace, 1995-

1997. He is British citizen, was born in Dublin, and is married with two children (now adults).

More at www.pat-norris.com

Recent publications:

Books

“Watching Earth from Space: how surveillance helps us -- and harms us”; Springer-Praxis; 2010

“Spies in the Sky: surveillance satellites in war and peace”; Springer-Praxis; 2007

“Eavesdropping” in K-U Schrogl (Ed.) “Handbook of Space Security”; Springer (in press)

“Satellite Programs in the United States” in K-U Schrogl (Ed.) “Handbook of Space Security”; Springer (in press)

“Applications of Space Technology” in M Macdonald (Ed.) “The International Handbook of Space Technology”; Springer-Praxis (in press)

Magazine Articles

“Longitude Challenges of the Apollo Moon Landings”; *The Geographer*, Winter 2012-13, p18

“China aims for the high ground: the Dragon in space has teeth”; *Aerospace International*, October 2012, pp22-25

“Space tourism – no longer a flight of fancy” (co-author Geoff Busswell); *Aerospace International*, June 2012, pp18-21

“Space debris”; *Aerospace International*, May 2012, pp30-33

“Spies in the Sky”; *Aerospace International*, December 2010, pp26-29

“Twilight of the Shuttle”; *Aerospace International*, October 2010, pp18-21

“One Small Step: 50 Years of Men in Space”; *Navigation News*, Nov/Dec 2007, pp20-22