

## ANDREA MONTI-GUARNIERI PUBLICATIONS

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- b.2 S Tebaldini and A Monti Guarnieri, *Methods and performances for multi-pass SAR Interferometry*, pp. 329-356, chapt. 18, in *Geoscience and Remote Sensing, new achievements* ISBN: 978-953-7619-97-8, INTEH Book
- b.1 A. Ferretti; A. Monti Guarnieri; C. Prati; F. Rocca., *Studi sul radar ad apertura sintetica (SAR)*, pp. 329-356, chapt. 18, in *Dall'uomo al satellite*, Franco Angeli Ed. ISBN: 99788846425799

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- sn. 7 P. Guccione, A. Monti Guarnieri, C. Cafforio, *Interferometria SCANSAR per stima di a larga scala di cambiamenti e subsidenze*, 9<sup>a</sup> Conferenza Nazionale ASITA, 15 – 18 novembre 2005, Centro Congressuale "Le Ciminiere", Catania, pp. 1330-1336
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#### AWARDS

- aw3. 9th European Conference on Synthetic Aperture Radar 24 -26 April 2012, Nurnberg, Germany Best Poster Award to Pietro Guccione For a very significant contribution in the field of Synthetic Aperture Radar entitled: Radiometric calibration by natural targets: methods and performance evaluation Pietro Guccione, Andrea Monti Guarnieri, Andrea Recchia, Stefano Tebaldini, Politecnico di Milano, Italy and published in the Proceedings of the EUSAR 2012 conference
- aw2 5th European Conference on Synthetic Aperture Radar 25 -27 May 2004, Ulm, Germany Best Paper Award to Andrea Monti Guarnieri For a very significant contribution in the field of Synthetic Aperture Radar entitled Precision Bistatic Processing with a Standard SAR Processor co-authored with Davide D' Aria & Fabio Rocca and published in the Proceedings of the EusAR 2004 conference
- aw1 Geoscience and Remote Sensing Society 1989 Symposium Prize Paper Award, «for a very significant contribution to the field of endeavour of the IEEE GRS Society in the paper entitled «Effects of speckle and Additive Noise on the altimetric Resolution of Interferometric SAR Surveys», coauthored C. Prati, F. Rocca, and presented at the 1989 IGARSS, Vancouver (CA)

#### Patents

- P.1 EUROPEAN PATENT N. 08170042.9, "METHOD FOR RADIOMETRIC CALIBRATION OF SAR SENSORS" DOMANDA DEPOSITATA:27/11/2008 ANALISI DEL DOCUMENTO + REVISIONE DELLE RIVENDICAZIONI AVVIATE IL 26/08/09 POLITECNICO DI MILANO, ARESYS SRL, T.R.E. SRL LUPPI & ASSOCIATI
- P.2 BREVETTO INVENZIONE INDUSTRIALE N. MO2007A000363 - TITOLO: METODO PER LA CALIBRAZIONE RADIOMETRICA DEI SENSORI SAR - DOMANDA DEPOSITATA: 16/07/2008 ARESYS SRL, T.R.E. SRL, POLITECNICO DI MILANO- LUPPI & ASSOCIATI
- P.3 BREVETTO INVENZIONE INDUSTRIALE N. MO2007A000362 TITOLO: METODO PER LA STIMA MULTI-IMMAGINE E MULTI-TARGET DEL PATTERN DI ANTENNA IN AZIMUT DA IMMAGINI SAR- DOMANDA DEPOSITATA: 27/11/2007- ARESYS SRL- LUPPI & ASSOCIATI
- P.4 BREVETTO INVENZIONE INDUSTRIALE N. MI2014A000771 METODO E SISTEMA DI CALIBRAZIONE CINEMATICA PER LA MISURA DI SPOSTAMENTI E VIBRAZIONI DI OGGETTI/STRUTTURE, DOMANDA DEPOSITATA 24/4/2014 ENI POLIMI - BARZANO' & ZANARDO MILANO S.P.A.
- P.5 BREVETTO INVENZIONE INDUSTRIALE N. MI2014A000772 METODO E SISTEMA DI MONITORAGGIO DA REMOTO DEL CAMPO BI/TRIDIMENSIONALE DI SPOSTAMENTI E VIBRAZIONI DI OGGETTI/STRUTTURE, DOMANDA DEPOSITATA 24/4/2014 ENI POLIMI - BARZANO' & ZANARDO MILANO S.P.A.