

- Consolini, G., P. De Michelis and A. Meloni (2000). *Multifractality and punctuated equilibrium in the Earth, magnetic field polarity reversals*, Geophys. Res. Lett., **27**, 293-296.
- Crespi, M., G. Pietrantonio and F. Riguzzi (2000). *Strain tensor estimation by GPS networks: software and applications*, Bollettino di Geodesia e Scienze Affini, **3**, 261-280.
- Danesi, S. and A. Morelli (2000). *Group velocity of Rayleigh waves in the Antarctic region*, Physics of the Earth and Planetary Interiors, **122**, 1-2, 55-66.
- De Bernardis, P., P.A.R. Ade, J.J. Bock, J.R. Boond, J. Borrill, A. Boscaleri, K. Coble, B.P. Crill, G. De Gasperis, P.C. Farese, P.G. Ferreira, K. Ganga, M. Giacometti, E. Hivon, V.V. Hristov, A. Iacoangeli, A.H. Jaffe, A.E. Lange, L. Martinis, S. Masi, P.V. Mason, P.D. Mauskopf, A. Melchiorri, L. Miglio, T. Montroy, C.B. Netterfield, E. Pascale, F. Piacentini, D. Pogosyan, S. Prunet, S. Rao, G. Romeo, J.E. Ruhl, F. Scaramuzzi, D. Sforna and N. Vittorio (2000). *A Flat Universe from high-resolution maps of the cosmic microwave background radiation*, Nature, **404**, 955-959.
- De Franceschi, G., L. Perrone, B. Zolesi and S. Pau (2000). *The SWILM approach for regional long-term modelling of middle/high latitude ionosphere*, Physics and Chemistry of the Earth (C), **25**, 4, 343-346.
- De Michelis, P., L. Cafarella and A. Meloni (2000). *A global analysis of the 1991 geomagnetic jerk*, Geophys. J. Int., **143**, 545-556.
- Deschamps, A., F. Courbouleux, S. Gaffet, A. Lomax, J. Virieux, A. Amato, R.M. Azzara, B. Castello, C. Chiarabba, G.B. Cimini, M. Cocco, M. Di Bona, L. Margheriti, F. Mele, G. Selvaggi, L. Chiaraluce, D. Piccinnini and M. Ripepe (2000). *Spatio-Temporal evolution of seismic activity during the Umbria-Marche crisis, 1997*, J. of Seism., **4**, N. 4, 377-386.
- Di Giovambattista, R. and Yu.S. Tyupkin (2000). *Spatial and temporal distribution of seismicity before the Umbria-Marche September 26, 1997 earthquakes*, J. of Seism., **4**, N. 4, 589-598.
- Dinarès-Turell, J. and J. Garcia-Senz (2000). *The remagnetization of lower Cretaceous limestones from the southern Pyrenees and its bearing to the Iberian plate geodynamic evolution*, J. Geophys. Res., **105**, B8, 19,405-19,418.
- Etiope, G., F. Italiano, J.L. Fuda, P. Favali, F. Frugoni, M. Calcara, G. Smriglio, G. Gamberi and M. Marani (2000). *Deep submarine gas vents in the Aeolian offshore*, Phys. and Chem. of the Earth, **25**, 1, 25-28.
- Ferraccioli, F., D. Damaske, E. Bozzo, M. Spano and M. Chiappini (2000). *Magnetic anomaly patterns over crustal blocks of the King Edward VII Peninsula, Marie Byrd Land, West Antarctica*, Annali di Geofisica, **43**, 2, 229-241.
- Fischer, M. and A. Navarra (2000). *GIOTTO: a coupled atmosphere-ocean general circulation model, the tropics*, Quaterly Journal of the Royal Meteorological Society, **126**, 1991-2012.
- Florindo, F. (2000). *Palaeomagnetism and Diagenesis in Sediments*, Sedimentology, Book Review, **47**, 4, 911.
- Frepoli, A. and A. Amato (2000). *Fault plane solutions of crustal earthquakes in Southern Italy (1988-1995): seismotectonic implications*, Annali di Geofisica, **43**, 3, 437-467.
- Frepoli, A. and A. Amato (2000). *Spatial variation in stresses in peninsular Italy and Sicily from background seismicity*, Tectonophysics, **317**, 109-124.

- Gaffet, S., G. Cultrera, M. Dietrich, F. Courboulex, F. Marra, M. Bouchon, A. Caserta, C. Cornou, A. Deschamps, J.-P. Glot and R. Guiguet (2000). *A site effect study in the Verchiano valley during the 1997 Umbria-Marche (Central Italy) earthquakes*, J. of Seism., **4**, N. 4, 525-541.
- Galli, G., C. Mancini and F. Quattrocchi (2000). *Groundwater radon continuous monitoring system (a-scintillation counting) for natural hazard surveillance*, PAGEOPH, **157**, 407-433.
- Gardi, A., M. Cocco, A. Negredo, R. Sabadini and S.K. Singh (2000). *Dynamic Modeling of the subduction zone of Central Mexico*, Geophys. J. Int., **143**, 809-820.
- Gasperini, P. and G. Valensise (2000). *From earthquake intensities to earthquake sources: extending the contribution of historical seismology to seismotectonic studies*, Annali di Geofisica, **43**, 4, 765-785.
- Giunchi, C and G. Spada (2000). *Postglacial rebound in a Non-Newtonian spherical Earth*, Geophys. Res. Lett., **27**, 2065-2068.
- Guidoboni, E., A. Muggia and G. Valensise (2000). *Aims and methods in Territorial Archaeology: possible clues to a strong IV century A.D. earthquake in the Straits of Messina (southern Italy)*, in: McGuire, B., Griffiths, D., & Stewart, I. (eds), "The Archaeology of Geological Catastrophes", Geol. Soc., London, Spec. Publications, **171**, 45-70.
- Hanbaba, R. and B. Zolesi (2000). *Improved Quality of Service in Ionospheric Telecommunication Systems Planning and Operation: COST 251 Major Achievements*, Fisica de la Tierra, Dec. 2000, 61-103.
- King, G.C.P. and M. Cocco (2000). *Fault Interaction By Elastic Stress Changes: New Clues From Earthquake Sequences*, Advance in Geophysics, Vol. 44, Academic Press, R. Dimowska & B. Saltzman (eds), 1-38.
- Kouris, S.S., B. Zolesi, D.N. Fotiadis and C. Bianchi (2000). *On the variability within-the-hour and from hour-to-hour of the F-region characteristics above Rome*, Physics and Chemistry of the Earth (C), **25**, 4, 347-351.
- Malagnini, L., R.B. Herrmann and M. Di Bona (2000). *Ground-Motion Scaling in the Apennines (Italy)*, Bull. Seism. Soc. Am., **90**, 1062-1081.
- Malagnini, L. and R.B. Herrmann (2000). *Ground-motion scaling in the region of the 1997 Umbria-Marche Earthquake (Italy)*, Bull. Seism. Soc. Am., **90**, 1041-1051.
- Malagnini, L., R.B. Herrmann and K. Koch (2000). *Ground-motion scaling in Central Europe*, Bull. Seism. Soc. Am., **90**, 1052-1061.
- Mancini, C., F. Quattrocchi, C. Guadoni, L. Pizzino and B. Porfidia (2000). *²²²Rn study throughout different seismotectonical areas: comparison between different techniques for discrete monitoring*, Annali di Geofisica, **43**, 1, 31-60.
- Margheriti, L., R.M. Azzara, M. Cocco, A. Delladio and A. Nardi (2000). *Analysis of Borehole Broad-Band Recordings: Test Site in the Po Basin (Northern Italy)*, Bull. Seism. Soc. Am., **90**, 1454-1463.
- Marra, F., R.M. Azzara, F. Bellucci, A. Caserta, G. Cultrera, G. Mele, B. Palombo, A. Rovelli and E. Boschi (2000). *Large amplification of ground motion at rock sites within a fault zone in Nocera Umbra (central Italy)*, J. of Seism., **4**, N. 4, 543-554.

- Megna, A., S. Barba, S. Santini and F. Vetrano (2000). *Space-time variations of the Umbria-Marche region instrumental seismicity*, Annali di Geofisica, **43**, 5, 921-937.
- Michelini, A., D. Spallarossa, M. Cattaneo, A. Govoni and A. Montanari (2001). *The 1997 Umbria-Marche (Italy) earthquake sequence: tomographic images obtained from data of the GNDT-SSN temporary network*, J. of Seism., **4**, 415-433.
- Morelli, A., G. Ekstrom and M. Olivieri (2000). *Source properties of the 1997-98 Central Italy earthquake sequence from inversion of long-period and broad-band seismograms*, J. of Seism., **4**, 365-375.
- Navarra, A., M. Biasutti, S. Gualdi, E. Roeckner, U. Schlese and U. Shulzweida (2000). *Sensitivity experiments to mountain representations in spectral models*, Annali di Geofisica, **43**, 3, 559-584.
- Pino, N.A. and S. Mazza (2000) *The Umbria-Marche (central Italy) earthquakes: relation between rupture directivity and sequence evolution for the $M_w > 5$ shocks*, J. of Seism., **4**, 451-461.
- Pino, N.A., D. Giardini and E. Boschi (2000). *The 1908 December 28, 1908, Messina Straits, southern Italy, earthquake: Waveform modeling of regional seismograms*, J. Geophys. Res., **105**, B11, 25,473-25,492.
- Quarta, T., M. Fedi and A. De Santis (2000). *Source ambiguity from estimation of the scaling exponent of potential field power spectra*, Geophys. J. Inter., **140**, 2, 311-323.
- Quattrocchi, F., G. Di Stefano, L. Pizzino, F. Pongetti, G. Romeo, P. Scarlato, U. Sciacca and G. Urbini (2000). *The Geochemical Monitoring System (GMS II) prototype installed at the "Acqua Difesa" well (Belpasso, CT) in the Etna region, addressed to seismic and volcanic surveillance: first data*, J. Volcanol. Geoth. Res., VOLGEO 2164, **101**, 273-306.
- Quattrocchi, F., R. Pik, L. Pizzino, M. Guerra, P. Scarlato, M. Angelone, M. Barbieri, A. Conti, B. Marty, L., E. Sacchi, G.M. Zuppi and S. Lombardi (2000). *Geochemical changes at the Bagni di Triponzo thermal spring during the Umbria-Marche 1997-1998 seismic sequence*, J. of Seism., **4**, N. 4, 567-587.
- Ripepe, M., D. Piccinini and L. Chiaraluce (2000). *Foreshock sequence of the September 26th, 1997 Umbria-Marche earthquakes*, J. of Seism., **4**, 387-399.
- Rizi, V., F. Masci, G. Redaelli, P. Di Carlo, M. Iarlori, G. Visconti and L.W. Thomason (2000). *Lidar and SAGE II observation of Shishaldin volcano aerosols and lower stratospheric transport*, Geophys. Res. Lett., **27**, 21, 3445-3448.
- Romeo, G. (2000). *Digitization of optical lever instruments*, Annali di Geofisica, **43**, 3, 545-558.
- Ruti, P., Adriana and A. Navarra (2000). *Modeling the Storm tracks variability*, Climate Dynamics, **16**, 219-228.
- Sagnotti, L., A. Winkler, L. Alfonsi, F. Florindo and F. Marra (2000). *Paleomagnetic constraints on the Plio-Pleistocene geodynamic evolution of the external central-northern Apennines (Italy)*, Earth and Planetary Science Letters, **180**, 243-257.
- Salvi, S., S. Stramondo, M. Cocco, M. Tesauro, I. Hunstad, M. Anzidei, P. Briole, P. Baldi, E. Sansosti, G. Fornaro, R. Lanari, F. Doumaz, A. Pesci and A. Galvani (2000). *Modeling coseismic displacements resulting from SAR interferometry and GPS measurements during the 1997 Umbria-Marche seismic sequence*, J. of Seism., **4**, N.4, 479-499.

- Salvi, S., F. Quattrocchi, M. Angelone, C.A. Brunori, A. Billi, M.F. Buongiorno, F. Doumaz, R. Funiciello, M. Guerra, S. Lombardi, G. Mele, L. Pizzino and F. Salvini (2000). *A multidisciplinary approach to earthquake research: implementation of a Geochemical Geographic Information System for the Gargano site, Southern Italy*, Natural Hazard, **20**, 2-3, 255-278.
- Spada, G. and L. Alfonsi (2000). *Plate motions predictions based on the constraint of toroidal-poloidal equipartition*, Geoph. Res. Lett., **27**, 2381-2384.
- Speranza, F., M. Mattei, L. Sagnotti and F. Grasso (2000). *Rotational differences between the northern and southern Tyrrhenian domains: paleomagnetic constraints from the Amantea basin (Calabria, Italy)*, Journal of the Geological Society of London, **157**, 327-334.
- Tabacco, I.E., C. Bianchi, M. Chiappini, A. Zirizzotti and E. Zuccheretti (2000). *Analysis of bottom morphology of the David-Drygalski glacier Ross sea coast line (Antarctica)*, Annals of Glaciology, Vol. **30**, 47-51.
- Tait, J.A., V. Bachtadse and J. Dinares-Turell (2000). *Paleomagnetism of Siluro-Devonian sequences, NE Spain*, J. Geophys. Res., **105**, B10, 23,595-23,604.
- Tertulliani, A. and S. Donati (2000). *A macroseismic network of schools for the collection of earthquake effects in a large city*, Seism. Res. Lett., **71**, 5, 536-543.
- Tertulliani, A. (2000). *Comments about the 17 August Izmit earthquake*, Seism. Res. Lett., **71**, 3, 313.
- Testut, L., I.E. Tabacco, C. Bianchi and F. Remy (2000). *Influence of geometrical boundary conditions on the estimation of rheological parameters*, Annals of Glaciology, Vol. **30**, 102-106.
- Tosi, P., V. De Rubeis, A. Tertulliani and C. Gasparini (2000). *Spatial patterns of earthquake sounds and seismic source geometry*, Geoph. Res. Lett., **27**, 17, 2749-2752.
- Valensise, G. and E. Guidoboni (2000). *Earthquake effects on the environment: from historical descriptions to thematic cartography*, Annali di Geofisica, **43**, 4, 747-763.
- Valensise, G. and E. Guidoboni (2000). *Towards new research strategies: silent seismogenic areas or silent sources?*, Annali di Geofisica, **43**, 4, 797-813.
- Verosub, K.L., F. Florindo, L. Sagnotti, A.P. Roberts and G.S. Wilson (2000). *Environmental Magnetism of Oligocene - Miocene Glaciomarine Strata from CRP-2/2A, Victoria Land Basin, Antarctica*, Terra Antartica, **7**(4), 599-608.
- Villante, U., S. Lepidi, P. Francia, M. Vellante, A. Meloni and P. Palangio (2000). *ULF fluctuations at Terra Nova Bay (Antarctica)*, Annali di Geofisica, **43**, 2, 217-227.
- Wilson, G.S., F. Florindo, L. Sagnotti, K.L. Verosub and A.P. Roberts (2000). *Magnetostratigraphy of Oligocene - Miocene Glaciomarine Strata from the CRP-2/2A, Victoria Land Basin, Antarctica*, Terra Antartica, **7**(4), 631-646.
- Wilson, G.S., S.M. Bohaty, C.R. Fielding, F. Florindo, M.J. Hannah, D.M. Harwood, W.C. McIntosh, T.R. Naish, A.P. Roberts, L. Sagnotti, R.P. Scherer, C.P. Strong, K.L. Verosub, G. Villa, D.W. Watkins, P.N. Webb and K.J. Woolfe (2000). *Chronostratigraphy of the CRP-2/2A, Victoria Land Basin, Antarctica*, Terra Antartica, **7**(4), 647-654.
- Zolesi, B. and Lj.R. Cander (2000). *Evolution of the Ionospheric Mapping and Modelling during the last Four Decades*, Fisica de la Tierra, Dec. 2000, 127-154.

Proceedings di convegni internazionali:

- Consolini G. and P. De Michelis (2000). *A cellular automation for the earth's magnetotail dynamics*, Proceeding of "IX CONV. GIFCO-2000", S. Aiello et al. Eds., SIF, BO, 68.
- De Martini, P.M., N.A. Pino, G. Valensise and S. Mazza (2000). *An unusual pattern of faulting in the central Apennines (Italy): geodetic and seismologic evidence for pre- and co-seismic slip along a low-angle, blind normal fault and implications for active faulting studies*, Proceedings of the Hokudan International Symposium and School on Active Faulting, Awaji Island, Hyogo, Japan 17-26 January 2000, 69-73.
- Favali, P., G. Smriglio and C. Montuori (2000). *Geophysical and Oceanographic Station for Abyssal Research: GEOSTAR 2 - Enhancements of the system for the deep sea scientific mission*, Proceedings of Congress "EUROCEAN 2000 The European Conference on Marine Science and Ocean Technology", 29 August - 2 September, Hamburg (D), Project Synopses Vol. II, 660-665.
- Kahlouche, S., S. Touam, A. Zeggai, M. Anzidei, F. Riguzzi and A. Pesci (2000). *Monitoring crustal deformations by the integration of the Algerian sites in the 1995-1997 TYRGEONET campaigns*, Proceedings of the Ninth International Symposium on Recent Crustal Movements (CRCM '98), January 2000, vol. 1, 403-408.
- Machette, M.N., A.J.Crone, P.M. De Martini and K.Okumura (2000). *Active faults in stable continental regions. Examples from Australia and North America*, Proceedings of the Hokudan International Symposium and School on Active Faulting, Awaji Island, Hyogo, Japan 17-26 January 2000, 243-247.
- Meloni, A., P. De Michelis and L. Cafarella (2000). *Geomagnetic jerks: impulses of secular variation in geophysics*, Proceedings of 15th Course of the International School of Geophysics: "Problems in Geophysics for the Next Millennium", EMCSC, Erice (TP), Sicily, 7 - 16 July, 1999, in: Problems in Geophysics for the New Millennium. A collection of papers in honor of Adam M. Dziewonski, E. Boschi, G. Ekström and A. Morelli (eds.), 539-554.
- Molin, D., A. Rossi and A. Tertulliani (2000). *Researches of historical seismology for a low seismicity area: Aniene Upper-Valley (Central Italy)*, Papers and Memoranda from the 1st workshop of the ESC WG Historical Seismology, V. Castelli (ed.), 1999 Macerata, 27-32.
- Morelli, A. and C. Piromallo (2000). *The late stage of retreating subduction in the Alpine-Mediterranean region: constraints from travel time seismic tomography*, Proceedings of 15th Course of the International School of Geophysics: "Problems in Geophysics for the Next Millennium", EMCSC, Erice (TP), Sicily, 7 - 16 July, 1999, in: Problems in Geophysics for the New Millennium. A collection of papers in honor of Adam M. Dziewonski, E. Boschi, G. Ekström and A. Morelli (eds.), 179-215.
- Pantosti, D. (2000). *Earthquake Recurrence Through Time*, Proceedings of the Hokudan International Symposium and School on Active Faulting, Awaji Island, Hyogo, Japan 17-26 January 2000, 363-366.
- Shipboard Scientific Party for LEG 188 (including F. Florindo from ING) (2000). *Proc. ODP, Initial Reports volume*, College Station, TX, (Ocean Drilling Program), pp. 920.
- Spada, G., L. Alfonsi and G. Soldati (2000). *Anomalous roughness of the Pole Path at the time of the 1994 Bolivia and Kurile Islands earthquakes*, Proceedings International Astronomical Union, Stazione Astronomica di Cagliari-Carloforte, Università degli Studi di Cagliari, I.A.U. Colloquium 178, "Polar Motion: historical and scientific problems", Oral

Communication, Cagliari University, Sardinia, Italy, 27-30 September 1999, S. Dick, D. McCarthy and B. Luzum (eds.), vol. 208, 345-350.

Spada, G., L. Alfonsi and G. Soldati (2000). *Effects of river load on polar motion and long-wavelength Stokes coefficients*, Proceedings of 15th Course of the International School of Geophysics: "Problems in Geophysics for the Next Millennium", EMCSC, Erice (TP), Sicily, 7 - 16 July, 1999, in: Problems in Geophysics for the New Millennium. A collection of papers in honor of Adam M. Dziewonski, E. Boschi, G. Ekström and A. Morelli (eds.), 531-537.

Pubblicazioni su riviste nazionali:

Anzidei, M., P. Baldi, F.L. Chiocci, M. Marsella, E. Martorelli and A. Zanutta (2000). *Integrazione tra un rilievo aerofotogrammetrico e batimetria swath: il DTMM (Digital Terrain and Marine Model) del versante orientale e meridionale dell'isola di Palmarola (Lazio)*, Boll. Soc. Geol. It., **119**, 767-775.

Scalera, G. (2000). *Dogma religioso e scienze della Terra alla svolta del Rinascimento*, Giornale di Astronomia, **26**, 2, 29-33.

Atti di convegni nazionali:

Marchetti, M. and D. Di Mauro (2000). *Individuazione di fusti metallici sepolti con tecniche magnetometriche: il caso di Riano Flaminio (Roma)*, Atti del 17° Convegno Nazionale del GNGTS, Consiglio Nazionale delle Ricerche, Roma, 10-12 Novembre 1998, CD-Rom prodotto da Esa-net S.r.l..

Mazza, S. and P. Casale (2000). Stima delle magnitudo locali per la sequenza sismica umbro-marchigiana del 1997-98, Atti del 17° Convegno Nazionale del GNGTS, Consiglio Nazionale delle Ricerche, Roma, 10-12 Novembre 1998, CD-Rom prodotto da Esa-net S.r.l..

Riguzzi, F., A. Zanutta and P. Baldi (2000). *Analisi di una rete GPS per scopi geodinamici nell'area italiana: risultati e problemi aperti*, Atti del 17° Convegno Nazionale del GNGTS, Consiglio Nazionale delle Ricerche, Roma, 10-12 Novembre 1998, CD-Rom prodotto da Esa-net S.r.l..

Scalera, G. (2000). *Attualità delle concezioni geodinamiche di Giovanni Schiaparelli*, Atti del Convegno di Storia dell'Astronomia, Società Astronomica Italiana, Cagliari, 24-25 settembre 1999, 255-264.

Stramondo, S., M. Tesauro, F. Doumaz, L. Colini, A. Pesci and A. Galvani (2000). *Modeling coseismic surface deformation of the September 26, 1997, Central Italy, seismic sequence from differential SAR interferometry (DINSAR) and GPS*, Atti del 17° Convegno Nazionale del GNGTS, Consiglio Nazionale delle Ricerche, Roma, 10-12 Novembre 1998, CD-Rom prodotto da Esa-net S.r.l..

Zirizzotti, A. and M. Marchetti (2000). *Un display grafico per il magnetometro Geometrics G856*, Atti del 17° Convegno Nazionale del GNGTS, Consiglio Nazionale delle Ricerche, Roma, 10-12 Novembre 1998, CD-Rom prodotto da Esa-net S.r.l..

Volumi speciali:

AA.VV. (2000). *Problems in Geophysics for the New Millennium. A collection of papers in honor of Adam M. Dziewonski*, E. Boschi, G. Ekström and A. Morelli (eds.), Istituto Nazionale di Geofisica e Vulcanologia - Editrice Compositori, pp. 560.

Boschi, E., E. Guidoboni, G. Ferrari, D. Mariotti, G. Valensise and P. Gasperini (2000). *Catalogue of Strong Italian Earthquakes*, Annali di Geofisica, **43**, 4, pp. 268, with full database on CD-ROM.

Monografie:

Gualdi, S. (2000). *Tropical Intraseasonal Oscillation Appearing in a Re-Analysis Data Set and in a Family of General Circulation Models*, Quaderni di Geofisica, n. 10, maggio 2000, pp.68.

Sciacca, U. (2000). *Il sistema di monitoraggio geochemico (GSM-II) per la sorveglianza dei rischi naturali: descrizione ed uso del software*, Quaderni di Geofisica, n. 11, luglio 2000, pp. 32.

Tertulliani, A. (2000), *Il terremoto di Izmit (Turchia occidentale) del 17 agosto 1999 (Osservazioni raccolte durante la missione a Izmit dal 18 al 25 agosto 1999)*, Quaderni di Geofisica, n. 9, aprile 2000, pp. 20.

Tozzi, R. and A. De Santis (2000). *Evoluzione di sistemi dinamici non lineari: il caso del campo geomagnetico*, Quaderni di Geofisica, n. 8, maggio 2000, pp. 73.

Atti diversi:

AA. VV. (Capo Progetto: G. Chiodini) (2000). Progetto GNV “*Emissioni gassose diffuse in aree vulcaniche. Aspetti geochemici, strutturali e modelli fisici del processo. Sviluppo di tecniche di monitoraggio*”, INGV, Roma.

AA. VV. (Capo Progetto: M. Rosi) (2000). Progetto GNV “*Pericolosità del vulcano Stromboli*”, INGV, Roma.

Abramson, H., P.M. De Martini, P. Burrato and D. Pantosti (2000). *Identification of Liquefaction Features and Tsunami Deposits in the Gargano Area (Italy)*, XXVII General Assembly of the European Seismological Commission, ESC, Book of Abstracts and Papers, Lisbon, Portugal, 10-15 September 2000, SSC-2-09 O, 73-74.

Achauer, U., P. Capuano, P. De Gori & TOMOVES Working Group (2000). *Joint Inversion of Bouguer gravity and teleseismic delay time data for the Mt. Vesuvius – Campania plain deeper structure: idea – strategy - first results*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, SE20.1.

Akinci, A. (2000). *Strong Ground Motion Characteristics of 17th August 1999 Kocaeli, Turkey Earthquake*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 189.

Alfonsi, L. (2000). *Studio della variabilità ionosferica a lungo termine sopra il continente antartico*, Tesi di Laurea in Fisica discussa il 24 febbraio 2000 presso l’Università “La Sapienza” di Roma (Relatore Prof. G. Fiocco, Relatore Esterno Dott.ssa G. De Franceschi), pp. 115.

Alfonsi, L., G. De Franceschi and L. Perrone (2000). *Long term trends in the high latitude ionosphere*, European Geophysical Society, XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, ST11-002.

- Aloisi, M., R. Azzaro, G. Barberi, R. Di Giovambattista, A. Gervasi, I. Guerra, A. Mostaccio and G. Neri (2000). *Analisi di due sequenze sismiche di bassa energia in Calabria meridionale*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 9-10.
- Alparone, S., D. Andronico, F. Ferrari, L. Lodato, E. Privitera and T. Sgroi (2000). *Correlazione tra tremore e attività esplosiva al cratere di SE dell'Etna per la previsione delle fasi parossistiche*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 154-155.
- Amato, A., A. Mazzotti, S. Merlini, P. Montone and L. Zanzi (2000). *Crustal structure and seismicity in Umbria-Marche: preliminary results and ongoing activities of a joint seismic reflection – seismological study*, "Evoluzione geologica e geodinamica dell'Appennino", Convegno in memoria di G.P. Pialli, Foligno, 16-17-18 Febbraio, 2000.
- Anzidei, M., P. Baldi, G. Casula, A. Galvani, E. Mantovani, A. Pesci, F. Riguzzi and E. Serpelloni (2000). *Crustal motion in the Mediterranean area from nine years of GPS data*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, G6.
- Anzidei, M., P. Baldi, G. Casula, A. Galvani, A. Pesci, F. Riguzzi and E. Serpelloni (2000). *Campo di deformazione per il settore dell'Appennino monitorato dalla rete GPS Geomodap*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 209-210.
- Azzara, R.M., A. Caserta, G. Cultrera, S. Donati, F. Marra, G. Mele, B. Palombo and A. Rovelli (2000). *Damage and ground shaking in a complex geological setting in central Italy*, Poster session, 31° International Geological Congress, Rio de Janeiro, Brazil, 6-11 August 2000.
- Azzara, R.M., G. Coco, M. Corrao, S. Imposa, G. Lombardo and A. Rovelli (2000). *Preliminary identification of different nearsurface geology effects in the area of Catania (Italy)*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, NH3.2 NH005.
- Azzara, R.M., G. Coco, M. Corrao, S. Imposa, G. Lombardo and A. Rovelli (2000). *Identification of Different Nearsurface Geology Effects in the Area of Catania (Italy)*, XXVII General Assembly of the European Seismological Commission, ESC, Book of Abstracts and Papers, Lisbon, Portugal, 10-15 September 2000, SSF2-18-P, 103.
- Azzaro, R., M. Mattia and G. Puglisi (2000). *Creep e cinematica del segmento orientale della faglia perniciiana (M. Etna): integrazione di dati geodetici e strutturali*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 10-11.
- Azzaro, R., B. Antichi, M.S. Barbano, R. Rigano, M. D'Agostino and A. Mostaccio (2000). *Catalogo macrosismico e database dei terremoti etnei dal 1832 al 1998*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 239-240.
- Barba, S. and E. Boschi (2000). *The influence of two large-scale boundary conditions on the Italian seismicity*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, SE1.1.
- Barrett, P.J., M.J. Hannah, R.A. Askin, C. Bücker, I. Raine & Cape Roberts Science Team (including F. Florindo and L. Sagnotti) (2000). *Cape Roberts Project, Antarctica - early*

Oligocene Climate History, AGU 2000 Spring Meeting, Washington, DC, USA, May 30 - June 3, 2000.

Bay, F., D. Fäh, L. Malagnini, S. Wiemer and D. Giardini (2000). *Attenuation of Spectral Ground Motion in Switzerland*, XXVII General Assembly of the European Seismological Commission, ESC, Book of Abstracts and Papers, Lisbon, Portugal, 10-15 September 2000, SSF-4-12 O, 109.

Belardinelli M.E., A. Bizzarri and M. Cocco (2000). *Earthquake triggering by static and dynamic stress changes*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, SE22.4.

Belardinelli M.E., A. Bizzarri and M. Cocco (2000). *Earthquake triggering by static and dynamic stress changes*, XVIIth Course of the International School of Geophysics "Fault Interaction by Stress Transfer: New Horizons for Understanding Earthquake Occurrence", EMCSC, Erice (TP), 17-23 June 2000.

Belardinelli, M.E., A. Bizzarri and M. Cocco (2000). *Earthquake triggering by static and dynamic stress changes*, American Geophysical Union, AGU 2000 Fall Meeting, San Francisco, USA, December 15-19, 2000.

Bianco, F., C. Cariello, M. Castellano, E. Del Pezzo, F. Di Luccio, F. Giudicepietro and J. Ibanez (2000). *Intrinsic and Scattering Attenuation in the Lithospheric Structure of the Southern Apennines – Italy*, XXVII General Assembly of the European Seismological Commission, ESC, Book of Abstracts and Papers, Lisbon, Portugal, 10-15 September 2000, SSB-1-09 O, 64.

Bizzarri, A., M. Cocco, D.J. Andrews and E. Boschi (2000). *Modeling dynamic rupture propagation with different numerical approaches and constitutive laws: effects of frictional heterogeneities*, Poster Session, XVIIth Course of the International School of Geophysics "Fault Interaction by Stress Transfer: New Horizons for Understanding Earthquake Occurrence", EMCSC, Erice (TP), 17-23 June 2000.

Boavida, J., G. Biella, R. de Franco, M. Cattaneo & Zaiango Group (2000). *The Northern Angolan Margin Imaged by W.A.R. Seismic Data*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 83-85.

Bücker, C., F. Tessensohn, W. Ehrmann, F. Neissen, T. Wonik & Cape Roberts Science Team (including F. Florindo and L. Sagnotti) (2000). *Cape Roberts Project, Antarctica: Insights from Downhole Measurements*, AGU 2000 Spring Meeting, Washington, DC, USA, May 30 - June 3, 2000.

Buongiorno, M.F. and S. Stramondo (2000). *The Contribution of Remote Sensing Techniques to the Mitigation of Natural Risks*, International Meeting on: "Contribution of Earth Sciences to the Mitigation of Natural Hazards", Rome, September 6-8, 2000.

Burrato, P., F. Ciucci and G. Valensise (2000). *Geomorphic Signature of Growing Anticlines in the Po Plain (Northern Italy): Implications for Seismic Hazard Assessment*, XXVII General Assembly of the European Seismological Commission, ESC, Book of Abstracts and Papers, Lisbon, Portugal, 10-15 September 2000, SSC-1-08 O, 70.

Burrato, P., P.M. De Martini and G. Valensise (2000). *High seismic risk in a low hazard region: the case of the Po Plain, Northern Italy*, International Meeting on: "Contribution of Earth Sciences to the Mitigation of Natural Hazards", Rome, September 6-8, 2000.

Calderoni, G., R.M. Azzara, M. Cattaneo, M. Di Bona, A. Frepoli, F.M. Mele and G. Selvaggi (2000). *Analisi preliminare della sequenza del forlivese (aprile-maggio 2000)*, Riassunti

Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 242.

Calvari, S., M. Neri and H. Pinkerton (2000). *Channel-Fed and Tube-Fed Lava Flow Fields from Mt. Etna*, IAVCEI International Conference, "Hazard Mitigation" Symposium, Bali, Indonesia, 18-22 July 2000, 223.

Camassi, R., P. Galli, D. Molin and A. Tertulliani, (2000). *Eventi sismici del Faentino-Forlivese dell'aprile-maggio 2000 e del Reggiano del 18 giugno 2000, Rilievo macrosismico*, Relazione per la Regione Emilia-Romagna. pp. 5.

Carulli, G.B., F. Cucchi, R. Codermatz, L. Peruzza, A. Rebez and D. Slejko (2000). *Pericolosità sismica nel Friuli-Venezia Giulia relativa a tipologie diversificate di terreni*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 266-268.

Casale, P. (2000). *È possibile ridurre il rischio sismico nelle città and nelle aree urbanizzate del Mediterraneo?*, Relazione orale al Convegno "Il patrimonio urbano delle città del mediterraneo", 4° Salone dei Beni e delle Attività Culturali, Giardini di Castello, Venezia, 1-3 Dic. 2000.

Casarotti, E., A. Piersanti, F.P. Lucente and E. Boschi (2000). *Global Postseismic Stress Diffusion and Fault Interaction at Long Distances*, XVIIth Course of the International School of Geophysics "Fault Interaction by Stress Transfer: New Horizons for Understanding Earthquake Occurrence", EMCSC, Erice (TP), 17-23 June 2000.

Casarotti, E., A. Piersanti, F.P. Lucente and E. Boschi (2000). *Global Postseismic Stress Diffusion and Fault Interaction at Long Distances*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 242-245.

Casarotti, E., A. Piersanti, F.P. Lucente and E. Boschi (2000). *Global postseismic stress diffusion and fault interaction at long distances*, American Geophysical Union, AGU 2000 Fall Meeting, San Francisco, USA, December 15-19, 2000.

Chiappini, M. and F. Speranza (2000). *The digital magnetic anomaly database of Italy at sea level: implications for the Apennine deep tectonics*, 80° Congresso Nazionale della Società Geologica Italiana, Trieste, 6-8 Settembre 2000.

Chiappini, M., A. Meloni, E. Boschi, O. Faggioni, N. Beverini, C. Carmisciano and I. Marson (2000). *Onshore - offshore integrated shaded relief Magnetic Anomaly Map at sea level of Italy and surrounding areas. Total Intensity*, Mappa in allegato a: Annali di Geofisica, 43, 5.

Chiarabba, C. (2000). *Earthquake Occurrence in the Mw 6.0 Colfiorito Fault Region: a Contribute to Understand Seismotectonic and Seismogenic Processes*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 192-193.

Chineke, C., V. Rizi and F. Masci (2000). *Nigeria Lidar project: satellite and measured total column ozone between 1993-1998 at an equatorial station*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, ST8.1.

Ciaccio, M.G. (2000). *Appennino settentrionale: ricostruzione della struttura crostale e sub-crostale e dei rapporti reciproci tra essi esistenti*, Tesi di Dottorato discussa nel febbraio 2000, pp. 219.

- Cimini, G.B. and P. De Gori (2000). *Non Linear P-Wave Tomography of Subducted Lithosphere Beneath Central-Southern Apennines (Italy)*, XXVII General Assembly of the European Seismological Commission, ESC, Book of Abstracts and Papers, Lisbon, Portugal, 10-15 September 2000, SSD2-03-P, 80.
- Cocco, M. and A. Bizzarri (2000). *Il comportamento di tipo slip-weakening nelle leggi di attrito dipendenti dalla velocità e dallo stato*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 216-217.
- Cocco, M. and A. Bizzarri (2000). *On the slip - weakening behavior in rate - and state - dependent constitutive laws*, American Geophysical Union, AGU 2000 Fall Meeting, San Francisco, USA, December 15-19, 2000.
- Collettini, C. and L. Chiaraluce (2000). *Un modello basato sulla migrazione dei fluidi come possibile spiegazione per l'evoluzione della sequenza sismica umbro-marchigiana del 1997*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 193-194.
- Collier, R., L.C. McNeill and D. Pantosti (2000). *Preliminary results of paleoseismological trenching, Eastern Eliki Fault*, Program and Summaries Book of Third International Conference on Ancient Hekike and Aigialeia: Archeological Sites in Geologically Active Regions, 25, Nikolaiika di Diakopto, Achaia, Grecia 6- 9 Ottobre 2000.
- Console, R., M.R. Pandey, D. Pesaresi and G. Mele (2000). *A broad-band seismic station on Mount Everest*, Poster session, 31° International Geological Congress, Rio de Janeiro, Brazil, 6-11 August 2000.
- Console, R. (2000). *Test di ipotesi di precursori di terremoti*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 245-246.
- Consolini G., P. De Michelis and A. Meloni (2000). *Convective turbulence and intermittency in the secular variation of the Earth's magnetic field*, American Geophysical Union, AGU 2000 Fall Meeting, San Francisco, California, December 15-19, 2000.
- Costa, E., P. Murelli, and F. Speranza (2000). *The kinematics of belt bending: insights from paleomagnetism and modeling applied to the Apennine belt*, Evoluzione geologica e geodinamica dell'Appennino, in memoria del Prof. G. Pialli, Foligno, 16-18 Febbraio 2000.
- Cowan, H., C.S. Prentice, D. Pantosti, P.M. De Martini, & Workshop Participants (2000). *Timing of late Holocene earthquakes on the Aeropuerto Fault, Managua, Nicaragua*, American Geophysical Union, AGU 2000 Fall Meeting, San Francisco, California, December 15-19, 2000.
- Cultrera, G., R.M. Azzara, A. Caserta, S. Donati, F. Marra, G. Mele, B. Palombo and A. Rovelli (2000). *Weak and strong ground motions in a fault zone (Nocera Umbra, central Italy): observations and modelling*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, SE22.3.
- Cultrera, G., R.M. Azzara, A. Caserta, S. Donati, F. Marra, G. Mele and A. Rovelli (2000). *Amplification effects within a fault zone (Nocera Umbra, central Italy): observations of weak and strong motions*, Poster session, American Geophysical Union, AGU 2000 Fall Meeting, San Francisco, California, 15-19 December 2000.
- D'Addezio, G., F.R. Cinti, L. Colini, F. Doumaz and S. Salvi (2000). *Geophysical and Trenching Investigations Along the Northern Segment of the Celano-L'Aquila Fault System (Abruzzi-Central Italy): Implications for Seismic Hazard Evaluation*, XXVII General Assembly of the European Seismological Commission, ESC, Book of Abstracts and Papers, Lisbon, Portugal, 10-15 September 2000, SSC-1-02-P, 70-71.

- Danesi, S. and A. Morelli (2000). *Fundamental mode Rayleigh wave tomography of the Antarctic plate*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, SE20.1.
- Danesi, S., A. Morelli and N.M. Pagliuca (2000). *Crustal and upper mantle structure of the Antarctic region from surface wave tomography*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, G11.
- Danesi, S. and A. Morelli (2000). *Surface wave tomography of Antarctic crust and upper mantle*, American Geophysical Union, AGU 2000 Fall Meeting, San Francisco, USA, December 15-19, 2000.
- Deschamps, A., F. Courboulex, A. Amato and G. Selvaggi (2000). *The Umbria-Marche 1997 crisis: a seismological study*, CRAAG Symposium 2000 "Dynamic Evolution of Active Faulting in the Mediterranean Region", Algiers 9,10,11 October 2000, Abstract Book, 17.
- De Natale, G., C. Chiarabba, C. Troise, D. Piccinini, P. Capuano and E. Kissling (2000). *3D structure at Somma-Vesuvius by joint inversion of shots and earthquake data*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, SE20.1.
- De Natale, C. Troise and F. Pingue (2000). *Un modello interpretativo multidisciplinare del bradisismo flegreo*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 217-219.
- De Rubeis, V., C. Gasparini, A. Tertulliani and P. Tosi (2000). *Earthquake Sound Helps to Constrain the Seismic Source*, XXVII General Assembly of the European Seismological Commission, ESC, Book of Abstracts and Papers, Lisbon, Portugal, 10-15 September 2000, SSE2-01-P, 88.
- De Simoni, B., D. Melini, A. Nardi and B. Palombo (2000). *Il Progetto Sismos: recupero e rielaborazione di dati sismologici e sismogrammi storici*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 247.
- De Santis, A. and R. Tozzi (2000). *Detecting geomagnetic field nonlinearity from bispectral analysis*, Abstracts of 7th Workshop on Geo-Electromagnetism "GEOEM 2000", Maratea (PZ), 12-14 October, 2000, 30.
- Di Giovambattista, R. and Yu. Tyupkin (2000). *Cyclic Migration of Earthquakes as a Result of Unstable Stress State of Crustal Rocks*, XXVII General Assembly of the European Seismological Commission, ESC, Book of Abstracts and Papers, Lisbon, Portugal, 10-15 September 2000, SCA-01, 39; SC-A-03, 161-165.
- Di Giovambattista, R., A. Basili, F. Mele, A. Marchetti and L. Moroncelli (2000). *Post-Processing of Seismic Events Recorded by the Istituto Nazionale di Geofisica Seismograph Network: an Analysis of the Accuracy of the Main Disseminated Seismic Parameters*, XXVII General Assembly of the European Seismological Commission, ESC, Book of Abstracts and Papers, Lisbon, Portugal, 10-15 September 2000, SSA2-24-P, 60.
- Di Mauro, D., A. De Santis, P. Favali, P. Palangio, G. Romeo and G. Smriglio (2000). *Preliminary deep seafloor observations of the magnetic field in the Tyrrenian Sea in the framework of the Geostar experiment*, Abstracts of 7th Workshop on Geo-Electromagnetism "GEOEM 2000", Maratea (PZ), 12-14 October, 2000, 88.
- Dinarès Turell, J., L. Sagnotti and A.P. Roberts (2000). *High resolution geomagnetic records from Pleistocene Mediterranean sediments: evaluating the climatic response*, EGS XXV

- General Assembly, Nice, France, 25-29 April, 2000, Geophysical Research Abstracts, 2, CD-ROM Paleo-, rock and environmental magnetism, SE29.
- Dinarès Turell, J., L. Sagnotti and A.P. Roberts (2000), *The Blake geomagnetic episode in cores from the Mediterranean Sea: evidence for a "double" event*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, 2, CD-ROM Paleo-, rock and environmental magnetism, SE26.
- Di Stefano, R., C. Chiarabba & TOMOVES Group (2000). *3-D tomographic imaging of Mt. Vesuvius using complex a priori discontinuities*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, SE20.1 SE018.
- Doumaz, F., S. Salvi, S. Stramondo and M. Meghraoui (2000). *Analysis of accurate InSAR and cartographic DEMs for the study of the geomorphic evolution of the El-Asnam faulted anticline*, CRAAG Symposium 2000 "Dynamic Evolution of Active Faulting in the Mediterranean Region", Algiers 9,10,11 October 2000, Abstract Book, 49.
- EC Program 3F-Corinth (2000). *Fault, Fractures and Fluids: Gulf of Corinth*, Technical Annex of the Contract EVG1-1999-00002, Bruxelles, pp. 42.
- EC Contract EVG1-1999-00002 (2000). *CORSEIS. An Integrated Study of Seismic Hazard Assessment in the Area of Aigion, Gulf of Corinth, Greece*, Technical Annex of the Contract EVG1-1999-00002, Bruxelles, pp. 52.
- EC Contract NNE5-2000-00096 (2000). *WEYBURN, The Weyburn-CO₂ monitoring Project*, Technical Annex. pp. 40.
- Eva, C., P. Augliera, C. Burgisi, E. Eva, S. Solarino and D. Spallarossa (2000) *New evidences on the seismotectonics of the Saorge-Taggia Line from analysis of the recent seismicity*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, G6.
- Eva, E., S. Solarino and D. Spallarossa (2000). *Geodynamics of the Ligurian Sea as Derived from Seismic Tomography and Determination of Stress Regime*, XXVII General Assembly of the European Seismological Commission, ESC, Book of Abstracts and Papers, Lisbon, Portugal, 10-15 September 2000, SSD-1-04 O, 77.
- Eva, E., S. Solarino and D. Spallarossa (2000). *Studio integrato del Mar Ligure: tomografia, meccanismi focali e campo dello stress*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 219-220.
- Faccenna, C., F. Funciello, D. Giardini and F.P. Luente (2000). *Why did Sardinia stop rotating ?*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, SE1.1.
- Favali, P., G. Smriglio, J.-M. Coudeville, G. Clauss, F. Gasparoni, H. Gerber, M. Marani, J. Marvaldi, C. Millot and J.-P. Montagner (2000). *GEOSTAR: the European Abyssal Benthic Observatory*, Abstracts of Atelier Européen "Programme de Forage Oceanique", P IV, 10-11 Avril 2000, La Grande-Motte, en Petite Camargue (FR).
- Favara, R. and S. Inguaggiato (2000). *Chemical and Isotopic Processes Between Deep and Shallow Fluids in Volcanic Areas*, IAVCEI International Conference, "Hazard Mitigation" Symposium, Bali, Indonesia, 18-22 July 2000, 83.

- Ferretti, G., D. Spallarossa, P. Augliera, D. Bindi and M. Cattaneo (2000). *Reliability of tomographies results in north-western Italy*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, SE20.1.
- Ferretti, G., S. Spallarossa, S. Parolai, M. Cattaneo and C. Eva (2000). *Non Linear Teleseismic Tomography in North Western Italy*, XXVII General Assembly of the European Seismological Commission, ESC, Book of Abstracts and Papers, Lisbon, Portugal, 10-15 September 2000, SSD2-02-P, 80.
- Florindo, F. and A.P. Roberts (2000). *High-resolution magnetostratigraphy and environmental magnetic record from Oligocene sediments, Maud Rise, Weddell Sea, Antarctica*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, SE29 SE086.
- Florindo, F., P. Erwin, C. Richter & Shipboard Science Party (2000). *Preliminary magnetostratigraphy and Environmental magnetism from ODP Leg 188, Prydz Bay, Antarctica*, AGU 2000 Spring Meeting, Washington, DC, USA, May 30 - June 3, 2000.
- Florindo, F., G.S. Wilson, A.P. Roberts, L. Sagnotti and K.L. Verosub (2000). *Magnetic polarity stratigraphy for the CRP-3 core, McMurdo Sound, Ross Sea, Antarctica*, CRP Meeting, Columbus, Ohio, USA, September 5-9, 2000.
- Florindo, F. (2000). *Paleomagnetism from ODP Leg 188, Prydz Bay, Antarctica*, CRP Meeting, Columbus, Ohio, USA, September 5-9, 2000.
- Florindo, F., P. Erwin and C. Richter (2000). *Magnetostratigraphy and Environmental Magnetic record from Leg 188, Prydz Bay, Antarctica*, American Geophysical Union, AGU 2000 Fall Meeting, San Francisco, USA, December 15-19, 2000.
- Florindo, F. and A.P. Roberts (2000). *High-resolution magnetostratigraphy and environmental magnetic record from Oligocene sediments, Maud Rise, Weddell Sea, Antarctica*, American Geophysical Union, AGU 2000 Fall Meeting, San Francisco, USA, December 15-19, 2000.
- Fotiadis, D.N., S.S. Kouris and B. Zolesi (2000). *A comparative study of the variability from measured 5-minutes data*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, ST11-005.
- Francia, P., S. Lepidi, P. Di Giuseppe and U. Villante (2000). *Geomagnetic sudden impulses at low latitude*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, ST19-006.
- Francia, P., S. Lepidi and U. Villante (2000). *Low latitude geomagnetic field fluctuations at discrete frequencies as possible indicators for global magnetospheric oscillations*, II° Convegno di Ricerca Solare Italiana, L'Aquila, 2000.
- Frezzotti, M., I.E. Tabacco and A. Zirizzotti (2000). *Ice discharge of east Antarctica along Scott coast*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, OA40.
- Gasparoni, F., P. Favali, G. Smriglio, H. Gerber, G. Clauss, J. Marvaldi, D. Fellman, C. Millot, J.P. Montagner and M. Marani (2000). *Results and perspectives from the first mission of the European abyssal observatory GEOSTAR*, Abstracts of Congress Oceanology International 2000, 7-10 March 2000, Brighton (UK).
- Giunchi, C. and G. Spada (2000). *Postglacial deformations of a Non-Newtonian spherical Earth*, GGG2000 Abstracts of IAG International Symposium, August 2000, Banff, Alberta, Canada.

Hernandez, B., F. Cotton, M. Campillo, F. Courboulex, M. Cocco, S. Stramondo and O. Scotti (2000). *Rupture history of the 1997 Umbria-Marche (central Italy) largest earthquakes from inversion of GPS, DInSAR and strong motion data*, XVIIth Course of the International School of Geophysics “Fault Interaction by Stress Transfer: New Horizons for Understanding Earthquake Occurrence”, EMCSC, Erice (TP), 17-23 June 2000.

Leg 188 Shipboard Science Party (including F. Florindo). (2000). *Preliminary Downhole Logging Results from ODP Leg 188, Prydz Bay, Antarctica*, AGU 2000 Spring Meeting, Washington, DC, USA, May 30 - June 3, 2000.

Leg 188 Shipboard Science Party (including F. Florindo) (2000). *Physical Property Changes as a Proxy for East Antarctic Sedimentation: First Results From ODP Leg 188, (Prydz Bay)*, AGU 2000 Spring Meeting, Washington, DC, USA, May 30 - June 3, 2000.

Leg 188 Shipboard Science Party (including F. Florindo) (2000). *Summary of Initial Results From ODP leg 188 to Prydz Bay, Antarctica*, AGU 2000 Spring Meeting, Washington, DC, USA, May 30 - June 3, 2000.

Leg 188 Shipboard Science Party (including F. Florindo) (2000). *Preliminary Geochemical Results From ODP Log 188: Prydz Bay, Antarctica*, AGU 2000 Spring Meeting, Washington, DC, USA, May 30 - June 3, 2000.

Levèque, J.-J., A. Morelli, A. Piombo, L. Rivera, J. Burdin and A. Delladio (2000). *Ground noise measurements at Concordia base, Dome-C, Antarctica*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, SE21 SE081.

Macrì, P., L. Sagnotti, A. Camerlenghi, M. Rebesco, F. Florindo, A.P. Roberts and A. Winkler (2000). *Environmental magnetism and paleomagnetism of sediment drifts from the western continental rise of the Antarctic peninsula*, EGS XXV General Assembly, Nice, France, 25-29 April, 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, SE29.

Macrì, P., L. Sagnotti, A. Camerlenghi and M. Rebesco (2000). *Environmental magnetism of Late Pleistocene sediments from the Antarctic Peninsula margin and interhemispheric correlation of climatic events*, WEGA Meeting, Hobart, Australia, December 6-12, 2000.

Malagnini, L., R.B. Herrmann and K. Koch (2000). *Study of regional ground motion scaling from GRSN data*, 60. Jahrestagung der Deutschen Geophysikalischen Gesellschaft, 133.

Malagnini, L., A. Akinci, N.A. Pino, L. Scognamiglio and R.B. Herrmann (2000). *Eccitazione ed attenuazione del ground-motion in varie regioni mediterranee*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 277-278.

Marchetti, M. (2000). *Anomalie magnetiche in aree di discarica: una breve rassegna*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 48-49.

Marchetti, M., M. Chiappini, A. Zirizzotti and A. Meloni (2000). *Environmental applications of geomagnetism*, 31st International Geological Congress, Poster Session, Rio de Janeiro - Brasil, August 6-17, 2000.

Marchetti, M., L. Cafarella, A. Zirizzotti and G. Morelli (2000). *Magnetic and electromagnetic surveys on a waste disposal area*, VIII Workshop on Geo-Electromagnetism, Poster Session, Acquafredda di Maratea (PZ), Italy - October 12-14, 2000

- Marchetti, M., A. Zirizzotti and L. Magno (2000). Ground Penetrating Radar measurements in the tomb of Scipioni, Rome (Italy), VIII Workshop on Geo-Electromagnetism, Poster Session, Acquafrredda di Maratea (PZ), Italy - October 12-14, 2000
- Marchetti, M., L. Cafarella, A. Zirizzotti and G. Morelli (2000). *Misure geofisiche integrate per l'individuazione di rifiuti sepolti*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 49-50.
- Marcocci, C., L. Badiali, A. Basili, F.M. Mele and A. Piscini (2000). *Progettazione di una base dati relazionale per la Rete Sismica Nazionale dell'I.N.G.V.*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 33-34.
- Marra, F., D.B. Karner, F. Florindo and E. Boschi (2000). *Pulsed Uplift Around Rome: Evidence for a new Phase of Volcanic Activity?*, American Geophysical Union, AGU 2000 Fall Meeting, San Francisco, USA, December 15-19, 2000.
- Martinelli, A., G. Naso and A. Tertulliani (1999). *Terremoto di Izmit (Kocaeli, Turchia)-17 agosto 1999. Raccolta di immagini e documenti del sisma realizzata dai tecnici della missione del Dipartimento della Protezione Civile, GNDT-ING-SSN, L'Aquila*. CD (in preparazione).
- Marzocchi, W., E. Casarotti and A. Piersanti (2000). *Large remote earthquakes promote the occurrence of large explosive eruptions*, American Geophysical Union, AGU 2000 Fall Meeting, San Francisco, USA, December 15-19, 2000.
- Maschio, L., P. Burrato and L. Ferranti (2000). *Holocene tectonic activity along the western side of the Agri River Valley. Implications for the geometry of the seismogenic belt in the southern Apennines, Italy*, EGS "First Stephan Müller Conference", Dead Sea, Israel, 11-16 Giugno, 2000, Abstract volume.
- Meghraoui, M., S. Pondrelli and F. Gomez (2000). *Transpression and Block Rotation Along the Plate Boundary in North Africa*, XXVII General Assembly of the European Seismological Commission, ESC, Book of Abstracts and Papers, Lisbon, Portugal, 10-15 September 2000, SSD-1-03 O, 77.
- Métrich, N., A. Bertagnini, P. Landi and M. Rosi (2000). *Crystallization Driven by Decompression and Water Loss. Stromboli (Aeolian Islands): a School Case*, IAVCEI International Conference, "Hazard Mitigation" Symposium, Bali, Indonesia, 18-22 July 2000, 90.
- Michelini, A., D. Spallarossa, M. Cattaneo and A. Govoni (2000). *The 1997 Umbria-Marche Sequence: tomographic reconstruction obtained from the complete data set*, EGS XXV General Assembly, Nice, France 25-29 April 2000, Geophysical Research Abstracts, CD-ROM, vol. 2, 2000, SE20.1 SE017.
- Mirabella, F., M.G. Ciaccio and C. Pauselli (2000). *Geometria delle deformazioni dalla valle del Tevere alla ruga interna dell'Appennino umbro-marchigiano: il punto di vista della sismica a riflessione*, Riassunti Estesi delle Comunicazioni, 19° Convegno Nazionale del GNGTS, Roma 7-9 novembre 2000, 20-21.
- Montone, P. and F.R. Cinti (2000). *Definition and testing of different methodologies to characterize high seismic hazard areas*, Abstract, "Evoluzione geologica e geodinamica dell'Appennino", Convegno in memoria di G.P. Pialli, Foligno, 16-17-18 Febbraio, 2000, Poster session.
- Morelli, A., J.-J. Levèque, A. Piombo; L. Rivera, J. Burdin and A. Delladio (2000). *A seismographic array at Concordia base, Dome-C, Antarctica*, EGS XXV General