

PERSONAL INFORMATION Paolo Mulassano

Sex Male | Date of birth 1974 | Nationality Italian

WORK EXPERIENCE

2011 - Current position

Deputy Managing Director at Istituto Superiore Mario Boella - ISMB

Istituto Superiore Mario Boella, via Pier Carlo Boggio 61, 10138, Torino, Italy, www.ismb.it
Deputy Managing Director with responsibilities on the coordination and management of Research Areas (approx. 130 researchers). Additionally he has been delegated for HR, finance and marketing for the whole Institute.

ISMB is a research & innovation center operating in the Information and Communication Technologies (ICT) domain. Founded in 2000 by Compagnia di San Paolo and Politecnico di Torino, today ISMB relies on the technological and process competences of 140 researchers working in close cooperation with companies, academia and public administration.

Business or sector ICT, Research, Technology Transfer, Innovation

2016 - Current position

Member of the Committee

"Innovation Mile"

"Innovation Mile" is the initiative aiming at sharing initiatives among most of the research institutions located in Torino.

Business or sector Innovation, Research, Technology Transfer, Territorial marketing

2016 - Current position

Advisor on Innovation and Technology Transfer

ERSEL Group (www.ersel.it) and PAIDEIA Foundation (www.fondazionepaideia.it)

Advisor on innovation investments

Business or sector Venture Capital, Private equity, Start-ups

2012 - Current position

Member of the Board of Directors

Compagnia di San Paolo Sistema Torino s.c.a.r.l. (2012 - 2016 and 2016 - Current position)

Compagnia di San Paolo Sistema Torino s.c.a.r.l. is a company under private law established with the mission of providing operation services to all the Compagnia di San Paolo Group (all the institutions including ISMB).

Business or sector Management, Finance

2012 - Current position

EC Reviewer

European Commission

Registered expert for EU project proposal evaluation and monitoring of actions.

Business or sector ICT, Research, Technology Transfer, SME instruments, Innovation

2011 - Current position

Member of the Advisory Board

INNOGEST s.g.r.

INNOGEST s.g.r. is a venture capital fund focused on early stage. The goal of Advisory Board is to support the decision making process of technological investments.

Business or sector Venture Capital, Technology Transfer, Finance, Start-ups

2011 - Current position

Member of the Evaluation Committee

Generazione Impresa Project

Generazione Impresa Project was established by Compagnia di San Paolo in partnership with Camera di Commercio (Torino Chamber of Commerce) with the support of ISMB and the incubator of Politecnico di Torino. The project aims at supporting young entrepreneurs in the design phase of the start-up.

Business or sector Start-ups

2011 - Current position

Member of the Steering Committee

- SISVEL s.p.a.
Member of the steering committee in the framework of the cooperation agreement between ISMB and SISVEL spa (one of the most important patent-pool companies worldwide).
[Business or sector](#) Start-up, Intellectual Property
- 2011 - 2013 **Member of the Investment Committee**
Piemontech s.r.l.
Member of the Investment Committee within the Piemontech s.r.l. that has been the venture capital fund focused on seed capital (start-up)
[Business or sector](#) Start-up, Venture Capital, Finance
- 2011 - 2012 **External member of the self-evaluation group of Politecnico di Torino (Electrical Engineering) for the EUR-ACE accreditation**
Politecnico di Torino
The EUR-ACE (European Accredited Engineer) Label is a certificate, which is awarded to engineering degree programmes, which are accredited by authorised quality assurance and accreditation agencies located in the European Higher Education Area.
[Business or sector](#) Academy Review processes
- 2010 - 2012 **Director of Microsoft Innovation Center Torino**
Microsoft Innovation Center Torino
Established by ISMB and Microsoft Corporation with the goal of increasing the support to SME and large enterprises in the areas of embedded solutions and cloud computing. Energy, health and mobility area the focuses of the MIC Torino. MIC Torino is the unique facility of Microsoft in Italy dealing with innovation and R&D under the coordination of the Italian Microsoft subsidiary.
[Business or sector](#) ICT, Research, Technology Transfer, Innovation
- 2010 **IP auditor**
European Commission
IP auditor for the European Commission in the domain of satellite Navigation Programmes.
[Business or sector](#) Intellectual Property, Technology Transfer
- 2010 **Consultant for the European Commission DG Enterprise and Industry**
European Commission DG Enterprise and Industry
Exploitation of Galileo commercial Service and support in the analysis in patents potentially related to the Galileo signal in space.
[Business or sector](#) Satellite Navigation, Galileo, IPR
- 2009 **External evaluator on the behalf of European Commission of the COST action activity named HAPCOS**
European Commission
Nominated external reviewer for a dedicated project on Stratospheric Platforms
[Business or sector](#) Independent expert on innovation
- 2009 - 2011 **Official delegate for ISMB within ERTICO**
Istituto Superiore Mario Boella
ISMB representative at the General Assembly as well as in the dedicated innovation committee
[Business or sector](#) ICT for mobility, Innovation
- 2007 - 2011 **Member of the GAL-PMI Board of Directors**
GAL-PMI Consortium
The GAL-PMI Consortium (Telecom Italia, CRF and TOWL are partners) leaded the biggest R&D project in the field of ICT ever funded by Regione Piemonte.
[Business or sector](#) ICT, R&D
- 2006 - 2011 **Delegate for Torino Wireless Foundation**
Torino Wireless Foundation
Delegate for Torino Wireless Foundation for the cooperation with Queensland Government (Australia) on the ICT technologies (mainly on Galileo).
[Business or sector](#) ICT, R&D, International Cooperation, Satellite Navigation, ICT
- 2005 - 2009 **Responsible for the cooperation between ISMB and the Office For Outer Space Affairs of the United Nations**
Istituto Superiore Mario Boella
Member of the committee working on the Master on Navigation and Related Applications launched by Politecnico di Torino as higher education initiative
[Business or sector](#) Higher education

- 2004 - 2011 **Director of the Navigation Lab**
Istituto Superiore Mario Boella, via Pier Carlo Boggio 61, 10138, Torino, Italy www.ismb.it
Director of the Navigation Lab (www.navsas.eu) at Istituto Superiore Mario Boella. The Navigation Lab is one of the Galileo competence centers Europe-wide and it hosts 25 high-skilled researchers (also coming from abroad).
[Business or sector](#) ICT, Research, Technology Transfer, Satellite Navigation, GNSS, Galileo
- 2004 - 2008 **Delegate for the Italian Space Agency at the European Galileo Signal Task Force a group of EU scientists in charge of defining the Galileo Signal Structure**
Italian Space Agency
Participation as scientific expert at the European activities around the definition of the Galileo Satellite signals
[Business or sector](#) Satellite Navigation, advanced research
- 2002 **Visiting Professor**
CSULA (California, USA)
Professor of the course "Digital Signal Processing"
[Business or sector](#) Education, Academy
- 1998 - 2010 **Professor under grant**
Politecnico di Torino, www.polito.it
Professor for several master-level courses in the area of electrical and communication engineering.
[Business or sector](#) Education, Academy

Thanks to the aforementioned experiences, Paolo Mulassano has the chance to work in close cooperation with the most important industries operating in the field of engineering and hi-tech and innovation. Among them: Telecom Italia, ST Microelectronics, Leonardo (Finmeccanica Group), FIAT Research Center, Magneti Marelli, Telespazio (Finmeccanica Group), Giletta SPA, Microsoft Corp.

EDUCATION AND TRAINING

- 2015 **Executive MBA**
ESCP Europe – Business School
Corporate Strategy, Managing People and Organisation, Managerial Economics, Financial Accounting, Corporate Finance, Marketing, Cost Accounting and Management Control, Supply Chain Management, International Business Law.
- 2012 **General Management Program**
ESCP Europe – Business School
Problem solving, Corporate strategy, Corporate finance, Operation Management, Digital Marketing, Managing Innovation, etc.
- 2004 **Ph.D. in Electrical and Communication Engineering**
Politecnico di Torino, Corso Duca degli Abruzzi, 24, 10129, Torino, Italy, www.polito.it
Ph.D. Thesis "*Stratospheric platform as support infrastructure for GPS and Galileo*"
- 1998 **Master Degree in Electrical Engineering** GPA 110/110 ("Summa Cum Laude")
Politecnico di Torino, Corso Duca degli Abruzzi, 24, 10129, Torino, Italy, www.polito.it
Master Thesis: "*Acquisition and Transmission of Sea Surface Images from a Stratospheric Platform*"
Advisor: Prof. Letizia Lo Presti (e-mail: letizia.lopresti@polito.it)

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Replace with name of language certificate. Enter level if known.					
French	A2	A2	A2	A2	A1
Replace with name of language certificate. Enter level if known.					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Publications

Publications:

Patents

- More than 20 scientific papers published on major IEEE scientific journals

Honours and awards

- 2 books chapters on GPS and Galileo

- More than 75 scientific papers published on most relevant scientific conferences worldwide

Patents:

- 5 patents co-invented related to Galileo related technologies

Awards:

- 2002 Best Paper Award at the NAVSAT2002 International Conference
- 2000 Alessandro Volta – Fondo Badoni Fellowship of Associazione Elettrotecnica ed Elettronica Italiana (AEI)
- 1999 Giancarlo Vallauri Award of the Associazione Ingegneri e Architetti del Politecnico di Torino as the best graduated student of Electrical and Electronics Engineering for year 1998
- 1999 Optime Award of the Unione Industriale di Torino
- 1999 Premio Laurea/Campus of Servizi Interbancari S.p.A.
- 1995 Best Student Award promoted by Unione Industriale di Cuneo
- 1994 Best Student Award promoted by Unione Industriale di Cuneo

PUBLICATIONS

Journals

1. Maurizio Fantino, Mulassano Paolo, Fabio Dovis, Letizia Lo Presti, "Performance of the Proposed Galileo CBOC Modulation in Heavy Multipath Environment" *Special Issue on Towards Global & Seamless Personal Navigation*, Springer, October 2007
2. Massimiliano Spelat, Marco Pini, Paolo Mulassano, Fabio Dovis, "Benefits of a Reconfigurable Software GNSS Receiver in Multipath Environment", *Coordinates 2005*, magazine on positioning, navigation and associated technologies
3. Fabio Dovis, Letizia Lo Presti, Paolo Mulassano, "Support infrastructures based on high altitude platforms for navigation satellite systems", *Wireless Communications, IEEE Vol. 12, Issue 5, Oct. 2005* Page(s):106 – 112
4. Massimiliano Spelat, Marco Pini, Paolo Mulassano, Fabio Dovis, "Benefits of a Reconfigurable Software GNSS Receiver in Multipath Environment", accepted to *Coordinates, 2005*, magazine on positioning, navigation and associated technologies.
5. F. Daneshgaran, P. Mulassano, "Interleaver Pruning for Construction of Variable Length Turbo Codes", *IEEE Trans. on Information Theory*, Vol.50, No.3, pp.455-467, March 2004
6. Paolo Mulassano, Fabio Dovis, Frederic Collomb, *European Projects for Innovative GNSS-related Applications*, *GPS Solution*, Vol.7, No.4, pp.268-270, March 2004
7. Fabio Dovis, Paolo Mulassano, "Nuove Tecnologie di localizzazione per migliorare la sicurezza degli utenti", *Wireless*, No.36, pp.40-41 February 2004
8. F. Daneshgaran, P. Mulassano, "The rate-allocation problem for turbo codes", *IEEE Transactions on Communications*, Volume 52, Issue 6, June 2004 Page(s):861 – 865
9. F. Daneshgaran, M. Mondin, P. Mulassano, "Linear subcodes of turbo codes with improved distance spectra", *IEEE Transactions on Information Theory*, Volume 50, Issue 12, Dec. 2004 Page(s):3291 - 3294
10. Massimiliano Spelat, Marco Pini, Paolo Mulassano, Fabio Dovis, "Benefits of a Reconfigurable Software GNSS Receiver in Multipath Environment", *Journal of Global Positioning System*, Vol.3 2004
11. F. Dovis, E. Giraldi, P. Mulassano, "Numero di Emergenza Europeo E112: Possibili Tecniche di Localizzazione d'Utente", *AEI Journal*, April 2003
12. D. Avagnina, F. Dovis, A. Gramazio, P. Mulassano, "Definition of a Reconfigurable and Modular Multistandard Navigation Receiver", *GPS Solution*, Vol.7, No.1, pp.33-40, May 2003
13. Gianluca Boiero, Davide Cavallo, Fabio Dovis, Paolo Mulassano, *Innovative Hybrid NAV/COM Solution for Improving Accuracy and Availability of User Positioning*, *EXP - in search of innovation*, Vol.3, No.4, pp.84-95, December 2003
14. D. Avagnina, F. Dovis, A. Ghiglione, P. Mulassano, "Wireless Networks Based on High Altitude Platforms for the Provision of Integrated Navigation/Communication Services", *IEEE Communication Magazine*, feature topic on "Next Generation Broadband Wireless Networks and Navigation Services", Feb 2002
15. D. Avagnina, F. Dovis, A. Gramazio, P. Mulassano, "Definizione dell'Architettura di un Ricevitore Ibrido Riconfigurabile per Applicazioni di Tipo NAV/COM", *ATTI dell'Istituto Italiano di Navigazione*, September 2001
16. F. Dovis, E. Giraldi, P. Mulassano, "Tecniche Ibride di Posizionamento per la Localizzazione dell'Utente Mobile in Situazioni di Emergenza", *ATTI dell'Istituto Italiano di Navigazione*, September 2002
17. F. Dovis, P. Mulassano, A. Gramazio, "Design and Test-Bed Implementation of a Reconfigurable Receiver for Navigation Applications", *Wireless Communications and Mobile Computing*, Vol.2, No.8, pp.827-838, December 2002
18. F. Dovis, P. Mulassano, Davide Avagnina, "Sistemi di Supporto alla Navigazione Satellitare Basati su Piattaforma Stratosferica", *ATTI dell'Istituto Italiano di Navigazione*, No 160, September 2000
19. D. Avagnina, F. Dovis, P. Mulassano, "Obiettivo Stratosfera: le Piattaforme per Telecomunicazioni del Futuro Prossimo", *AEI Journal*, Vol. 87, No 12, December 2000

20. F. D'ovis, M. Mondin, P. Mulassano, "On the use of HALE platforms as GSM base stations," *IEEE Personal Communications magazine*, April 2001
21. G. Boiero, F. D'ovis, M. Mondin, P. Mulassano, "Increasing the Spatial Limits of LADGPS Using Stratospheric Platform", *Journal of Navigation – Royal Institute of Navigation*, May 2001
22. L. Lo Presti, F. D'ovis, P. Mulassano, "Il Segmento Stratosferico: un Supporto Innovativo per Galileo", *AEI Journal*, November 2001

Conferences

1. A. Anfossi, A. Lotito and P. Mulassano, "The Role of Research and Innovation Organizations on Supporting the Investment Plan for Europe Initiative", 4th International Conference on Innovation in Economics and Business - ICIEB 2017, Barcelona, Spain, 02/2017.
2. F. D'ovis, P. Mulassano, D. Margaria, "Multiresolution Acquisition Engine Tailored to the Galileo AltBOC Signals", *ION GNSS 2007*, Fort Worth, TX (USA), Sept. 24-28, 2007
3. G. Girau, A. Tomatis, F. D'ovis, P. Mulassano, "Efficient Software Defined Radio Implementations of GNSS Receivers", *IEEE International Symposium on Circuits and Systems*. 27-30 May 2007
4. A. Tomatis, F. D'ovis, G. Girau, M. Fantino, M. Pini, P. Mulassano, "Itaca: a Fully Software GNSS Receiver Platform for Innovation Development", *Time Nav '07*. May 29 to Friday June 1, 2007
5. Fabrizio Dominici, Gianluca Marucco, Paolo Mulassano, Antonio Defina, Khalid Charqane, "Navigation In Case of Emergency (NICE): an Integrated NAV/COM Technology for Emergency Management", accepted at Consumer Communications & Networking Conference CCNC, Las Vegas, Nevada, 10 - 12 January 2008
6. Fabio D'ovis, Paolo Mulassano, Davide Margaria, "Multiresolution Acquisition Engine Tailored to the Galileo AltBOC Signals", *ION GNSS 2007*, Fort Worth, Texas (USA), September 25-28, 2007
7. Manuela Gianola, Fabrizio Dominici, Antonio Defina, Paolo Mulassano, "Performance of a GPS Mass Market Receiver in an Augmented Local Element Architecture" *ENC GNSS 07*, 29-31 May 2007 Geneva - Switzerland
8. Andrea Tomatis, Fabio D'ovis, Gianmarco Girau, Maurizio Fantino, Marco Pini, Paolo Mulassano, "Itaca: a Fully Software GNSS Receiver Platform for Innovation Development", *ENC GNSS 07*, 29-31 May 2007 Geneva - Switzerland
9. G. Girau, A. Tomatis, F. D'ovis, P. Mulassano, "Efficient Software Defined Radio Implementations of GNSS Receivers", 2007 *IEEE International Symposium on Circuits and Systems*, (ISCAS07), 27-30 May 2007, New Orleans
10. F. Dominici, A. Defina, P. Mulassano, E. Loehnert, V. Brunetti, E. Guyader "A GPS/EGNOS Local Element Integrated with the VHF Communication Infrastructure Under Development in the POP-ART Project", "Tyrrhenian International Workshop on Digital Communication", Ponza, Italy 2006
11. D. Borio, L. Lo Presti, P. Mulassano, "Digital Spectral Separation Coefficient (SSC) for GNSS Signal to Noise Measurements and Interference Detection", *ION GNSS 2006*, September 26-29, 2006, Fort Worth, Texas
12. Daniele Borio, Letizia Lo Presti, and Paolo Mulassano, "Analysis of the One-Pole Notch Filter for Interference Mitigation: Wiener Solution and Loss Estimations", *ION GNSS 2006*, September 26-29, 2006, Fort Worth, Texas
13. Massimiliano Spelat, Fabio D'ovis, Paolo Mulassano, Gianmarco Girau, "A Flexible FPGA/DSP Board for GNSS Receivers Design", *IEEE PRIME 2006*, Otranto (Italy), June 2006
14. Daniele Borio, Letizia Lo Presti, and Paolo Mulassano, "Time-Frequency interference detector for GNSS receivers", *WIO-06*, Toledo, June 5-7 2006
15. D. Borio, L. Lo Presti, and P. Mulassano, "Spectral Separation Coefficients for Digital GNSS Receivers", *EUSIPCO 2006* (European Conference on Signal Processing), Florence, September 2006
16. Massimiliano Spelat, Fabio D'ovis, Gianmarco Girau, Paolo Mulassano, "A Flexible FPGA/DSP Board for GNSS Receivers Design", *PRIME 2006*, 2nd Conf. On Ph.D. Research in MicroElectronics and Electronics, Otranto, Italy, 12-15 June 2006
17. F. Dominici, A. Defina, M. Gianola, F. D'ovis, P. Mulassano, "An Augmented GPS/EGNOS Localization System for Alpine Rescue Teams Based on a VHF Communication Infrastructure" *IEEE/ION PLANS 2006* April 24 - 27, 2006 Coronado (San Diego), CA USA

18. F. Dominici, A. Defina, F. Dovis, M. Pini, P. Mulassano, "A Secure EGNOS Local Element for Precise Positioning of Rescue Operation on GPRS and VHF Channel," CERGAL 2006 conference, Braunshweig, Germany, April 2006
19. Fabio Dovis, Massimiliano Spelat, Paolo Mulassano, Claudio Leone, "On the Tracking Performance of a Galileo/GPS Receiver based on Hybrid FPGA+DPS Board", ION GNSS 2005, Long Beach (U.S.A.), September 2005
20. F. Dovis, L. Lo Presti, P. Mulassano, "A Novel Algorithm for the Code Tracking of BOC[n,n] Modulated Signals", ION GNSS 2005, Long Beach, CA (USA), 13- 16 Sept., 2005
21. Fabio Dovis, Massimiliano Spelat, Paolo Mulassano, Claudio Leone, "Advancements in FPGA+DSP Implementation of a Baseline Galileo Receiver", ENC-GNSS 2005, Munich (Germany), July 2005
22. Claudio Leone, Paolo Mulassano, Fabio Dovis, Maurizio Fantino, "Realizzazione Software-Defined-Radio di un Ricevitore per Navigazione Satellitare GPS e Galileo", Conferenza "Nuovi Sviluppi Tecnologici nelle Telecomunicazioni e Possibili Applicazioni Militari", Accademia Navale di Livorno, Livorno (Italy), Giugno 2005
23. Fabio Dovis, Letizia Lo Presti, Paolo Mulassano, "An Innovative Scheme for Tracking BOC[n,n] Signals", European Navigation Conference GNSS 2005, Munich (D), July 19-22, 2005
24. F. Dovis, M. Pini, P. Mulassano, "Performance Evaluation of the Turbo DLL Architecture," presented at the ENC-GNSS 2005 conference, Munich, Germany, July 2005
25. P. Mulassano, L. Lo Presti, "Object Detection on the Sea Surface from a HALE Platform", *DATA System In Aerospace DASIA '99 Conference*, May 17th – 21st 1999, Lisbon, Portugal
26. P. Mulassano, L. Lo Presti, "Object Detection on the Sea Surface, Based on Texture Analysis" *ICECS '99 (International Conference on Electrical Circuits and System)*, September 1999, Paphos, Cyprus
27. F. Dovis, P. Mulassano, F. Sellone, "Heliplat: a HALE Platform for Telecommunication and Remote Sensing Applications," *5th Bayona Workshop on Emerging Technologies in Telecommunications*, September 1999, Bayona, Spain
28. F. Dovis, L. Lo Presti, E. Magli, P. Mulassano, G. Olmo, M. Pent, G. Romeo, F. Sellone, "Helinet: a European Project for Sustainable Environmental Monitoring", *EUROMED Safe*, October 1999, Naples, Italy (invited paper)
29. F. Dovis, P. Mulassano, F. Sellone, "HeliNet: a Traffic Monitoring Cost Effective Solution Integrated with the UMTS System", *Vehicular Technology Conference 2000*, Tokio, Japan
30. M. Pent, P. Mulassano, F. Dovis, "HeliNet: Network of Stratospheric Platforms for Traffic Monitoring, Environmental Surveillance and Broadband Services," *GNSS 2000*, May 2nd - 4th, Edinburg, UK
31. G. Boiero, F. Dovis, M. Mondin, P. Mulassano, "A Proposal for the Integration of a Network of HALE Platforms with GPS and GNSS2/Galileo," *Data Systems In Aerospace, DASIA 2000*, Montreal, Canada, May 22nd –26th 2000
32. D. Avagnina, L. Lo Presti, P. Mulassano, "Object Detection Using a Novel 2D-Adaptive Sampling Strategy," *Melecon 2000 Mediterranean Electrotechnical conference*, Cyprus, May 29th – 31st 2000
33. F. Dovis, M. Mondin, P. Mulassano, "Integration of a Network of HALE Platforms with the UMTS System," *IEEE 3Gwireless'00*, June 2000, Silicon Valley, USA
34. P. Mulassano, L. Lo Presti, D. Avagnina, "The Viper Algorithm: A New Approach for Detection Using 2D-Adaptive Sampling," *EUSIPCO (European Signal Processing Conference)* Tampere - Finland, September 2000
35. F.Dovis, P. Mulassano, "Automatic Object Detection on SAR images for UAV-HALE Surveillance Systems", *SPIE 45th Annual Meeting – Airborne Reconnaissance XXIV*, July 30th - August 4th 2000, San Diego (CA), USA
36. D. Avagnina, L. Lo Presti, P. Mulassano, "Irregular and Adaptive Sampling for Automatic Geophysic Measure System," *SPIE's 45th Annual meeting – Subsurface Sensing Technologies and Applications II (AM101)*, July 30th - August 4th 2000, San Diego (CA), USA
37. D. Avagnina, F. Dovis, L. Lo Presti, P. Mulassano, "Optimal Movement Strategy for Rover Exploration Missions," *51st International Astronautical Congress*, Rio de Janeiro, October 2000
38. F. Dovis, P. Mulassano, G. Boiero, "System Analysis of a Stratolite-Based Local Segment for GALILEO", *GNSS2001 Conference*, Seville, Spain, May 2001

39. D. Avagnina, P. Mulassano, F. Dovis, A. Gramazio, "REGAL: a Reconfigurable Receiver for GPS and GALILEO", *GNSS2001 Conference*, Seville, Spain, May 2001
40. D. Avagnina, F. Dovis, L. Lo Presti, P. Mulassano, "The Growing Window Algorithm: a Sub-Optimal Strategy for Image Irregular Samples Selection" accepted to *SAMPTA2001 Conference*, Orlando, Florida, USA, May 2001
41. M. Laddomada, R. Mari, P. Mulassano, F. Sellone, "CCSDS-Rice Compressor and decompressor DSP Implementation for Space Applications", *DASIA2001 Conference*, Nice, France, June 2001
42. M. Bobbio Pallavicini, F. Dovis, E. Magli, P. Mulassano, "HeliNet Project: the Current Status and the Road Ahead", *DASIA2001 Conference*, Nice, France, June 2001
43. F. Dovis, E. Magli, P. Mulassano, M. Bobbio Pallavicini, "HeliNet: Project Status and the Way Forward", *SPIE's 46th Annual meeting* – San Diego (CA), USA, August 2001
44. F. Dovis, L. Lo Presti, E. Magli, G. Olmo, P. Mulassano, "Stratospheric Platforms: a Novel Technological Support for earth Observation and Remote Sensing", *SPIE Remote Sensing Conference*, Toulouse, France, September 2001
45. D. Avagnina, F. Dovis, L. Lo Presti, P. Mulassano, "A Selective Compression Algorithm for SAR Images Based on Irregular and Adaptive Sampling", *IEEE ICECS2001 Conference*, Malta, September 2001
46. F. Dovis, P. Mulassano, "Design of a Local Segment of Galileo Based on Stratospheric Platforms", *NavSat 2001*, Nice Acropolis, France, November 2001
47. Davide Avagnina, A. Gramma, Mark Dumville, Paolo Mulassano, "Software-Radio Approach to the Design of GNSS Receivers", *1st ESA Workshop on Satellite Navigation User Equipment Technologies NAVITEC*, December 2001
48. F. Daneshgaran, M. Mondin, P. Mulassano, "Spectral Trimming of Turbo Codes Via Trace-Bit Injection and Selective Puncturing", *IEEE SOFTCOM 2001*, Ancona, Italy, October 2001
49. F. Daneshgaran, M. Mondin, P. Mulassano, M. Laddomada, "A Novel Optimization Technique for Turbo Codes", *IEEE ISCIT 2001 (International Symposium on Communications and Information Technology)*, November 2001, Bangkok, Thailand
50. F. Daneshgaran, M. Mondin, P. Mulassano, "Turbo Codes Optimization via Trace-Bit Injection and Selective Puncturing", *IEEE ICC2002 (International Conference on Communications)*, New York, USA, April 2002
51. F. Daneshgaran, P. Mulassano, "Interleaver Pruning for Construction of Variable Length Turbo Codes", *IEEE International Symposium on Information Theory (ISIT)*, Lausanne, Switzerland June 2002
52. F. Dovis, A. Ghiglione, E. Giraldi, P. Mulassano, "HAP Support Segment for Global Navigation Systems", *DAta System In Aerospace DASIA 02 Conference*, May 2002, Dublin, Ireland
53. D. Avagnina, A. Gramazio, P. Mulassano, "Performance Evaluation of a Reconfigurable Receiver for GPS and Galileo", *GNSS2002 Conference*, Copenhagen, May 2002
54. F. Dovis, P. Mulassano, D. Orgiazzi, "Assessment Study of NAV/COM Terminal-Based Hybrid Positioning", *GNSS2002*, Copenhagen, May 2002
55. F. Dovis, A. Ghiglione, P. Mulassano, "Augmentation Signals Broadcasting from High Altitude Platforms", *GNSS2002 Conference*, May 2002
56. F. Dovis, P. Mulassano, "Hybrid Positioning in Cellular Networks", *ECWT2002 European Conference on Wireless Technology*, Milan, September 2002
57. F. Dovis, A. Gramazio, P. Mulassano, "SDR Technology Applied to Galileo Receivers", *ION2002 (US Institute Of Navigation) Conference*, Portland September 2002
58. F. Dovis, P. Mulassano, M. Dumville, "The Stratolite Concept: Design of a Stratospheric Pseudo-Satellite for Galileo", *ION2002 (US Institute Of Navigation) Conference*, Portland September 2002
59. F. Dovis, P. Mulassano, "On the Use of Galileo SIS and Cellular Signals for the Definition of an Hybrid Positioning System", *NAVSAT02*, Nice, October 2002
60. F. Dovis, P. Mulassano, "A Study of Multipath Effects on the Galileo Signals", *NAVSAT02*, Nice, October 2002

61. F. Dovis, P. Mulassano, "On the Role of Stratolites as Local Elements of EGNOS and Galileo", GNSS2003 International Conference, Graz, Austria, May 2003
62. F. Dovis, P. Mulassano, G. Boiero, D. Cavallo, "Innovative Hybrid NAV/COM Solution for Improving Accuracy and Availability of User Positioning", GNSS2003 International Conference, Graz, Austria, May 2003
63. F. Daneshgaran, P. Mulassano, "Improving the Performance of Turbo Codes via Optimal Rate Allocation", ICC2003 (International Conference on Communications), May 2003
64. F. Dovis, P. Mulassano, "Comparative Studies on BOC Signal Performance in Multipath Environment", NAVSAT2003 International Conference, Geneva, Switzerland, June 2003
65. F. Dovis, P. Mulassano, M. Pini, "Multiple DLL Architecture for Multipath Recovery in Navigation Receivers", IEEE VTC2004 Spring, Milan, May 2004
66. Fabio Dovis, Marco Pini, Paolo Mulassano, Guenter Heinrichs, "Analysis of the Multiple DLL Architecture: a Novel Solution for Reducing the Multipath Effect in GNSS Receivers", ION (Institute Of Navigation) GNSS 2004, Long Beach, CA (USA), 21-24 Sept., 2004
67. Fabio Dovis, Marco Pini, Paolo Mulassano, "Turbo DLL: an Innovative Architecture for Multipath Mitigation in GNSS Receivers", ION (Institute Of Navigation) GNSS 2004, Long Beach, CA (USA), 21-24 Sept., 2004
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69. Guenter Heinrichs, Paolo Mulassano, Fabio Dovis, "A Hybrid Positioning Algorithm for Cellular Radio Network by using a Common Rake Receiver Architecture", 15TH IEEE International Symposium on Personal, Indoor and Mobile Radio Communications - PIMRC-2004, Barcelona, Spain, 3-5 Sept., 2004
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1. Patent Number 07425412.9-1525
Title: *Receiver for ALTBOC modulated-signals, method for demodulating ALTBOC modulated-signals, and corresponding computer products*
Date: 05/07/2007
Inventors: D. Margaria, .P. Mulassano, F. Dovis
2. Patent Number TO2004A000446
Title: *Procedimento e sistema per l'inseguimento di segnali, in particolare segnali di sistemi di localizzazione satellitari, rete e prodotto informatico relativi*
Date: 30/06/2004
Inventors: L. Lo Presti, F. Dovis, P. Mulassano, D. Avagnina
3. Patent Number 04021428.0
Title: *Method and System for Signal Tracking, and Computer Program Product Therefore*
Date: 09/09/2004
Inventors: L. Lo Presti, F. Dovis, P. Mulassano, M. Pini
4. Patent Number TBD
Title: *Time-Frequency Interfering Detector*
Date: 04/06/2006
Inventors: P. Mulassano, L. Camoriano, D. Borio
5. Patent Number 06022336.9-1233
Title: *A Method and an Apparatus for Reducing Interference Frequencies by using a Notch Filter*
Date: 25/10/2006
Inventors: P. Mulassano, L. Camoriano, D. Borio