



Curriculum Vitae Europass

Personal Information

Name and Surname AUGUSTO CRAMAROSSA

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Citizenship Italian

Date of birth 14/12/1958 (Bari – Ba)

Sex M

Professional Sector Space – ASI – Italian Space Agency

Professional Experience

3 June 2022: Honoured by Prefetto di Roma Matteo Piantedosi, with the title of Cavaliere dell'Ordine al Merito della Repubblica italiana (OMRI)

Period 3 February 2006 - Today

Main appointment in ASI:

- Head of Strategic Area Coordination and Space Economy Unit (5 December 2022 - today)
- Head of ASI Strategic Area Coordination Unit (16 November 2020 – 5 December 2022)
- Head of ASI President Technical Cabinet (January 2017– 16 November 2020)
- Senior expert of ASI President Technical Cabinet (November 2015 – December 2016)
- Head of ASI Unit Strategic perspectives and European Affairs (February 2014 – November 2015)
- Head of ASI Unit National and International Relations (RNI) - (20/01/2010 –

31/12/2012; 1/04/2013 – febbraio 2014)

- Head of ASI Unit Strategy, National and International Relations (SNI) - (3/02/2006 – 20/01/2010), coordinating and overseeing the proper implementation of activities assigned to this Unit, described in the macro-organization of ASI (Decree n. 86 of 12.19.2003).

Short summary of the activities performed during the period February 3rd, 2006 – Today

February 3rd, 2006 - he was appointed Head of Unit "Strategy and national and international relationships (SNI)" coordinating and overseeing the proper implementation of activities assigned to this Unit, described in the macro-organization of ASI (Decree n. 86 of 12.19.2003).

January 10th, 2010 – with the change of the macro-organization of the Agency (ASI Board of Administration act n. 78/2009 of 07.23.2009) he was appointed with letter dated 20/01/2010 (prot. 607) Head of National and International Relations Unit - RNI.

February 2014, with a further change of the ASI organization, he was appointed Head of strategic perspectives and European affairs - LSR.

November 2015, starts working in the ASI President Technical Cabinet (Unità Tecnica di Presidenza).

January 2017– 16 November 2020, appointed Head of ASI President Technical Cabinet (Unità Tecnica di Presidenza)

16 November 2020 – 5 December 2022, appointed Head of ASI Strategic Area Coordination Unit. This Unit coordinates three other Units located in the frame of the ASI presidency area.

5 December 2022 – today, appointed Head of Strategic Area Coordination and Space Economy Unit

The main tasks performed in this period of time (2006-today) have been the coordination of international activities (ESA, EU, extra European), the coordination of relations with national stakeholders (including the Minister/Under Secretary of State in charge of Space coordination, the Interministerial Committee – COMINT, Prime Minister Military Counsellor, industrial space associations as well as the support to ASI President and to the Italian delegation for the preparation and the participation of ESA Ministerial Council 2008, 2011, 2014, 2016, 2019, 2022. In addition, he managed the preparation of ASI strategic plans (e.g. Documento strategico di politica spaziale nazionale (DPSN), Documento di Visione Strategica sullo Spazio (DVSS), ASI three years plan-PTA).

He also performed the following tasks:

- Member of the Italian Delegations appointed for the ESA Ministerial Councils held on 2008, 2011, 2014, 2016, 2019, 2022
- Alternate in the ESA Task Force "Towards a revision of the European launchers exploitation framework" (2023)
- Appointed as ASI representative in the ESA Strategic Foresight network for Space (24/02/2022)
- Italian Expert in the Horizon Europe Cluster 4 Committee (since 2021)

- Italian Expert in the Space Partnership included in the Horizon Europe Cluster 4 Committee (since 2024)
- Italian Expert in the European Union Space programme Horizontal Committee (since 2021)
- Italian Delegate in the ESA PB-LAU since 2016.
- Italian Expert in the Horizon 2020 Space Committee Delegation (since 2014)
- Italian Delegate in the Space policy Expert Group, subgroup on space technologies (SPEG-ST)
- Since 2018-19 is the ASI Delegate in the steering group European Commission Consultation Platform for the preparation of the Strategic Research Agenda (SRIA) related to Space in Horizon Europe,
- In 2018-19 supports, with other ASI colleagues the Italian PCM, the negotiation of the draft EU Regulations of the EU Space Program (Galileo, Copernicus, SSA e GovSatCom) and of Horizon Europe
- In 2019 is the ASI coordinator of the new Documento strategico di politica spaziale nazionale (DSPSN) and of the Documento di visione strategica sullo spazio (DVSS) as required by the new Italian law on Space legge 7 del 2018;
- Member of the Italian delegation for the ESA CM 2016 in Lucerne
- Italian delegate in the PB-EO for the meeting held on 22/05/2018
- December 2018 (until today) appointed as vice President of the Cluster Tecnologico Nazionale Aerospaziale - CTNA
- 2018-2021: member of the Board of Administrators (CdA) of the Company e-geos
- Member of the Italian delegation for the ESA CM 2019 (space19+) in Seville
- ASI representative in the Technical Working Group of the Presidency of the Council of Ministers for the preparation of a strategy paper on National Space Policy (prot.072 of 15/03/2010)
- Italian Expert in the Space Committee of the Seventh Framework Programme (letter of appointment of Mr. M. Ali Ministry of Research - MIUR Director General of the Directorate General for Strategies and Development of Scientific Research and Technological 23/2/07 prot. 42/07)
- Italian delegate to the Space Committee of the Seventh Framework Programme (appointed by Ministry of Research letter of 20/02/2012 MIUR, prot. 166),
- Delegate to the Council Working Group for the preparation of the ESA Council Meeting at Ministerial Level in 2012,
- Delegate to the Council Working Group for the preparation of the ESA Council Meeting at Ministerial Level in 2014,
- Member of Italian delegation at the ESA Ministerial Council held in Napoli on November 2012
- Chairman (for three years) of the Board of Navigation Program ESA since 07/01/08 (Record of Decisions No. PB-NAV. ESA 61 - No doc.to. GP / mc / RD-PB-61, NAV 30 / 5/08)
- ASI Representative in the Italian delegation in the Horizon 2020 Space Programme Committee
- ASI Representative to the Advisory Committee meeting of 27/11/07 foreseen by the Agreement between the Government of the Italian Republic and ESA on the institution of Space Research of Frascati - ESRIN (e-mail the President of ASI 23/11 / 07)
- Italian Delegate to the Council of the European Space Agency (ESA) (letter of appointment of the President ASI prot. CE/PRZ/06/123 of March 30, 2006, notification letter of the Ambassador at the Permanent Representation of Italy to the OECD / ESA in Paris at ESA, prot. n. 528 of April 7, 2006, letter of confirmation of

- the ASI Commissioner of V. Roppo 09/11/06 prot. CI/CS/06/03)
- Delegate to the ESA Council Working Group (2008) for the preparation of the ESA Ministerial Council in November 2008 in The Hague (e-mail message sent by the ASI President office on 21/02/08 17:04)
- ASI representative in the Joint Working Group between Italy and France set up following the signing of the intergovernmental agreement between Italy and France on cooperation in space (letter of 16/02/07 Special Commissioner of ASI prot. EC-CS-2007-086)
- ASI representative in the Joint Working Group between Italy and ESA for the strengthening of the ESA site (ESRIN) in Frascati (letter of Minister Mussi MUR dated 9/3/07 Prot Gab. No. 4416)
- National Delegate to ESA / EC High-Level Space Policy Group of 27/04/06 for the definition of the European Space Policy
- National Expert to Expert Group meeting on 14/03/06del of HSPG (e-mail the Director General at the Ministry of Education Prof. Alexander Tenenbaum Joint Secretariat ESA / EC of 24 February 2006),
- Component of MIUR Working Group to support the Minister in preparing the proposal of the National Research Plan (Decree 515/segr/dgr/09);
- Representative ASI as Advisor to the Ministry of Defence in the Council EUMETSAT (prot/CE/PRZ/2001-339).

Teacher of the Master in "Space Transportation Systems" organized by the Department of Mechanics and Aeronautics of the University La Sapienza of Rome held in the years 2006 - 2014, the courses entitled "Making Space Programs" and "the process of defining the European Space Policy".

In this period, he directly managed a group of 15-20 persons and coordinated the work of the Italian delegation in ESA

March 2004 – 2 February 2006

March 2004: He joins Strategy National and International Relations Unit (SNI) ASI and is appointed as Head of Relations with the ESA and the European Union activities, including relations with respective Member States, in support of the Head of SNI
In this context, his function was to:

- Ensure adherence of the Italian participation in ESA to the national strategic guidelines and, conversely, the adherence of ESA activities to its commitments.
- Define the objectives and proposed investment levels for new activities in ESA.
- monitor the progress of ESA programs and the efficiency of ESA management;
- assist the SNI manager in coordinating Italian delegation in ESA and to define the national positions in various Boards and Committees of the ESA.
- Maintain contact with the ESA Executive on emerging issues;
- Maintain relations with the European Union, with regard to space activities, and the development of relations between EC-ESA;
- Verify and maximize the consistency of the Italian positions represented in the European Commission with those represented in ESA.
- Maintain the necessary coordination with the competent offices of MIUR, Ministry of Foreign Affairs, Ministry of Economics and Finance and the Permanent Representation of Italy at EU and at OCSE/ESA.
- Provide support for the national space community for the Italian participation to the "calls" issued by the EU areas in order to encourage greater and more effective national participation.
- Support the National Delegation to the Sixth Framework Programme and the national participation in coordination meetings including ESA-EU High-Level Space

- Policy Group (HSPG) and its Group of Experts
- Promote the development of specific relations and bilateral cooperation with the Space agencies and other institutions of ESA and EU Member countries.

During this period, he is appointed:

- National Advisor to the ESA Council, (letter of the Ambassador at the Permanent Mission of Italy to the OECD / ESA in Paris at ESA, prot.n. 0365 of 19.02.2004).
- Delegate to the ESA Council from 26.05.05, including the ESA Council at Ministerial level held in Berlin on 5 and 6 December 2005.
- ASI delegate to the second and third Space Council (the joint and concomitant meeting of ESA and EU Council) held in Luxembourg. (7.6.05) and Brussels (28/11/05)
- Delegate to the ESA Council Working Group (2005) for the preparation of the Ministerial Council of ESA in December 2005.
- Delegate to the Council Working Group on 20-21 April 2004 FINPOL ESA on the development of financial policies, budget and industrial policy of ESA (fax ASI President of 4/7/2004)
- Alternate delegate at the ESA / EC High-Level Space Policy Group for the establishment of the European Space Program and the preparation of the first Space Council (ASI President's letter prot. EC-P-04-06 of 06.03.2004)
- National Delegate to the first ESA / EC High-Level Space Policy Group (HSPG) held the day 06.04.2004 (ASI President's letter prot. EC-P-04-06 of 06.03.2004) and from June 2005 permanent National Delegate
- National expert to the Expert Group meeting of the HSPG to the European Space Policy - 22/09/2004 (e-mail the Director General of the MIUR Prof. Alexander Tenenbaum Secretariat of the Joint EC / ESA),
- National Representative in the Arianespace High Level Board (ASI President's letter prot. EC-PRZ-2004-223, 25/11/2004)
- National expert of the Italian delegation for the thematic priority "Aeronautics and Space" of the VI Framework Program (letter of MIUR prot. 164 of 11.18.2005)

Teacher of the Master in English in "Space Transportation Systems" organized by the Department of Mechanics and Aeronautics of the University La Sapienza of Rome held, on 28/05/2004, the course entitled "Definition process for launcher governmental programs"

May 2001 - February 2004: as winner of an ASI recruitment procedure (Vacancy notice no. 9/2000), he started working for ASI (Vega and launchers Unit in the field of international collaboration).

In particular, was the head of the "ESA and international collaboration", with the following responsibilities:

- Technical and programmatic definition of Italian participation in launchers international cooperation (ESA, NASA, FKA and bilateral)
- planning and budgeting of ASI programs in international collaboration
- technical, programmatic and financial monitoring of ESA programs ;
- Preparation and management of ASI procurement (national contracts)
- Negotiation of international cooperation agreements with other ASI Units

During this period, he is appointed

- Project Manager for the contract between ASI and Alenia Spazio n. I/184/01/0 "FAST2 airframe Technologies" (dated 18/7/2001 appointment of the Director General, Directorate General POS.DG.01/443 Protocol, Protocol PROT.ASI.004734 ASI),

- Project Manager for the contract between ASI and FiatAvio n. I/188/01/0 "FAST2 Propulsion Technologies" (dated 18/7/2001 appointment of the Director General, Directorate General POS.DG.01/443 Protocol, Protocol PROT.ASI.004734 ASI),
- Member of the evaluation commission for the selection of personnel (ASI contract n. 24/2001 - Profile # 1 - expert in propulsion technologies for space platforms) decree of the Director General of n. 302, 10.04.2001,
 - Program Manager for the ASI contract n. 1/010/03/0 between ASI and CIRA "Integrated Composite Grid Structures for space applications",
- Program Manager for the ASI contract n. I/R/243/02/0 "Modeling, design and testing of re-usable LOX / HC Rocket Engines" (appointment of Director General dated 05/03/03, Protocol Directorate General POS.DG.03/58, ASI protocol PROT.ASI.000867),
- Program Manager for the ASI contract n. I/R/248/02/0 "Space-tank manufactured in Titanium Alloys" (appointment of the Director General dated 03/05/03, Protocol Directorate General POS.DG.03/58, ASI protocol PROT.ASI.000867),
- Program Manager for the ASI contract n. I/R/252/02/0 "Studies on Rocket based combined cycles for reusable launch vehicles" (dated 05/03/03 appointing the Director General, Directorate General POS.DG.03/58 Protocol, Protocol ASI PROT.ASI.000867),
- Program Manager for the ASI contract n. I/R/253/02/0 "Numerical models for multidisciplinary design of spacecraft during atmospheric reentry" (dated 03/05/03 appointing the Director General, Directorate General POS.DG.03/58 Protocol, Protocol PROT.ASI.000867 ASI),
- Member of the Commission of Inspection for the contract between ASI and SGS Srl Italy No. 48/LDM/1997 "Run, coordinated by ASI, the activities of monitoring compliance with quality requirements of the CNES by Italian suppliers of Ariane 4 and 5", letter dated 27/11/2001, Presidency POS protocol. P. (01) 534, the General Protocol PG.ASI.008404
- Member of the Commission of Inspection for the contract between ASI and SGS Srl Italy No. I/264/01/0 for "Service for execution of the surveillance of compliance with the quality of the CNES by Italian suppliers of Ariane", letter dated 27/11/2001, protocol Presidency POS . P. (01) 533, the General Protocol PG.ASI.008403
- Advisor to the ESA Board Program PB-ARIANE for the meeting on 22-23/05/2001 (fax prot. POS.E.CI ASI (01) 23 of 05.18.2001)
- Permanent Advisor to the ESA Board Program (fax ASI prot. POS.P. (01) 330, 18.07.2001)
- Delegate to the ESA Board Program Ariane-PB for the meeting of 12-13 March 2002 (fax prot POS.P. ASI (01) 330, 18.07.2001)
- Permanent Delegate to the ESA Program Ariane-PB (fax ASI prot. POS.P. (02) 376, 12.11.2002)
- Member of the Commissione di congruità of the Laben proposal for phase C2 / D Program Planck - LFI instrument - "letter of 22/10/2002, no general protocol. 005309
- Member of the ESA Tender Evaluation Board (TEB) for the Invitation to Tender (ITT) related to the ground segment of the Vega program called "Mechanical Infrastructures"
- Member of the ESA Tender Evaluation Board (TEB) for the Invitation to Tender (ITT) related to the ground segment of the Vega program called "Fluids and general means"
- Expert in the ESA Tender Evaluation Board (TEB) for the Invitation to Tender (ITT) related to the ground segment of the Vega program called "Civil Infrastructures of the ground segment of the Vega Small Launcher Development"
- Member of the ESA Tender Evaluation Board (TEB) for the ESA Invitation to Tender (ITT) on the ground segment of the Vega program called "I"

April 2000 - April 2001: he worked for Alenia Spazio (Rome) in the Business Line "Remote Sensing" as Program Manager.

In this company he worked in the management team devoted to the development and realization of the "Flight Unit" of the bus of the Radarsat2 EO satellite.

In particular, he managed cost control and also the activities and the contract of some Italian and international Subcontractors in collaboration with internal departments (engineering, procurement, quality, production, integration).

In the same period is also responsible for costs definition for the most important national program of Earth observation (the ASI program COSMO-SkyMed - CSK).

During this period, he took part in the preparation of a technical-economic proposals related to commercial satellite Earth observation satellite in response to international competitive tender.

1998 - March 2000: he is detached from FiatAvio to the Italian-French Joint Venture VEGASPAZIO SpA (a company created jointly by Aerospatiale and FiatAvio for the Management of the Vega Program of the European Space Agency) as a Commercial Manager and Project Control.

In this context, he is the head of the department dedicated to prepare RFQ, assess proposals, negotiate and finalize contracts, (15 Italian and European aerospace companies), contribute to the achievement of financial objectives, verify the existence of conditions for invoicing, define and check the achievement of program objectives in terms of cost and lead times, checking the progress of all subcontractors, relations with customers, partners and sub-contractors.

1995 - 1998: He worked in the FiatAvio Business Unit "Small launchers" as Vega Program Manager, including relations with internal and external customers, management of all FiatAvio Vega internal activities and subcontractors.

- During this period he also participated in the following institutional programs: "Small Mission Opportunity-SMO" Programme (ESA) as responsible for activities related to the choice of best launcher for the launch of small missions. To fulfill this role, he interacted with all the companies providing launch services for small satellites, including Orbital Science (Pegasus and Taurus), Lockheed Martin (Athena), Eurockot (Rockot), Arianespace (Ariane Piggy Back 4 and 5) , etc..
- "Development of technologies for advanced structural and mechanical propulsion (contract ASI / 86/AF/1993 BPD) as Head of the Programme during the second phase of the Contract.

In this period, he directly managed a team of 10 persons and coordinated the work of all the Vega team composed of people (around 60-80 persons) working in other department (engineering, production, quality, contracts, integration, tests, ecc.).

1990 - 1994: he worked in BPD Difesa e spazio in the Space Systems Division (Colleferro).

In this framework, he is involved in small launcher programs (Enhanced Scout, San Marco Scout Italianized Vega) as manager of system activity.

He carried out the following activities:

- Coordination of the preliminary design of the complete small launcher and its subsystems (avionics, structure, propulsion, Pyrotechnics)
- Preparation of technical specifications, development plans and qualifications,
- Coordination of mission analysis, trajectories, "Performance Map", structural analysis, thermal analysis, EMI-EMC analysis, environmental analysis, studies of lay-

out, TM / TC link budget, budgets mass and power, study, definition and control of the interfaces, etc..

- Support to Head of business unit line Scout / Vega in planning and budgeting in Artemis environment, the activities of BPD (prime contractor) and its sub-suppliers and for the preparation of technical and economic proposals for the Customer (ASI);
- Coordination of technical and programmatic activities of Italian subcontractors (Aeritalia, Contraves, Vitrociset, Laben, Aermacchi, etc..) and international companies (LTV-Loral Vought Systems, Yuzhnoye, Aerospaziale, Sep, etc..)
- Technical interface with the Italian Space Agency (ASI),

1989: He worked for the BPD in the system development department of the Defence Division.

In this period, is the responsible for the definition of the development and qualification of two small solid rocket motors (respectively 1000 and 2000 kg of thrust) to be used as a booster accelerator for the takeoff of aircraft RPV (Remoted piloted vehicles). During this period performs different activities:

- requirements analysis,
- Preparation of technical specifications,
- study of interior ballistics for the design of the thruster propellant grain,
- preparation of plans and specifications for qualification tests on the ground,
- Support during the test qualification test,
- technical interface with the customer.

1986 - 1988: He Worked for the Consortium for Space activities Italspazio (Aeritalia, Fiar and Laben).

In this period, his activity includes the feasibility of space systems.

As a system engineer he is involved in various programs funded by the European Space Agency (ESA).

In support to Italspazio Study Managers is has performed the following activities:

- Analysis and definition of the global requirements of space systems,
- Analysis and selection of the architecture of space systems,
- Definition and development of the necessary software to simulate the major aspects of space missions of geostationary orbits and inclined orbits, highly eccentric (Molniya, Tundra)
- Choice of strategies for launching of satellites,
- Analysis of orbital perturbations acting on the satellites,
- Definition of optimal strategies for maintaining the nominal orbit (orbit-keeping),
- Analysis of the link with ground stations (link analysis),
- Choose the best constellation of satellites for navigation and communication missions,
- Selection of the best strategies for the replacement of the satellite constellations.

He also participated in the definition of minisatellites configuration compatible with the American Scout launcher G1 LTV Loral Vought Systems and the study of a capsule for reentry into the atmosphere.

In addition, he took part in the program following the European Space Agency (ESA):

- System configuration Navsat Study: Selection and evaluation of the parameters of a constellation of satellites in inclined elliptical orbit and geostationary orbit for the determination of the position and autonomous navigation.
- Accurate positioning measurement package for spacecraft: Comparison of the performance of GPS navigation systems and Navsat for accurate determination of

- the position of users in low Earth orbit (LEO).
- Communications payload for Columbus polar platform: Study of a payload for mobile communications platform hosted on the polar COLUMBUS.
- Comparative analysis of highly inclined orbits for mobile communications and navigation systems: comparative study between the performance of various elliptical and inclined orbits (Molniya, Tundra) for communication with mobile users located at high latitudes.
- Interactive navigation system simulator (INAVSS): Definition and development of a software simulator for the design and testing of satellite navigation systems.
- End of life for geostationary satellites reorbiting: Analysis of the probability of collision of satellites in geostationary orbit. Definition of an orbit "graveyard" for stable positioning of the satellites at the end of life.
- Study of land mobile communications from non-geo orbits (Archimedes project): Definition of a constellation of satellites in inclined orbit very eccentric (Tundra) for communication with mobile users. Performance analysis and system requirements.

He then took part in the contract Domsat system definition (Contract TCI): Study of the characteristic elements of the national communications satellite of the Islamic Republic of Iran (Definition of specifications for the ground segment and satellite for the international tender document).

He participated in several international conferences where he presented papers based on work performed during this period.

1985: Develop at the Consortium Italspazio the University thesis entitled: Program for calculating thermal minicomputer (in Fortran using the lumped mass method) with application to the auxiliary propulsion system of a satellite stabilized by rotation

Education and Training

Date 1985

Title of qualification awarded Degree in Aeronautical Engineering - University of Rome "La Sapienza".

Skills

In 1986 he obtained his qualification to practice the profession of engineer.

- He is member of the Order of Engineers of the Province of Rome since 1987.
- He has a good knowledge of use of computers including main application (Office, Windows, etc.), software for program management (Artemis, WinProject, etc.) programming languages FORTRAN and BASIC,
- Has a good knowledge of English and French, written and spoken.

Partecipazione in courses He has attended the following courses:

- "Integrated Project Management Course" (product definition, technical planning and control) taught in English by Professor LE Bulwer (1991),
- "Introduction to planning and control of Contracts", course organized by Isvor-Fiat in 1992/93
- "Effective Communication" course organized by Fiat in 1996 Isvor-
- "Value Creation and Risk Management in the management of orders" given by IRI Management (December 14, 2000),
- "Basic course work safety, industrial hygiene, environmental protection" held by API Training and Services (May-June 2004),
- Course based on computer protocol for Public Administration (January 2005)
- Advanced Course on computer protocol for Public Administration (April 2005)
- Professor in the Master space transportation systems (05/29/2003)
- English language course level C1/C2 (January 2008-June 2008)
- Training for Managers (July 2009)

Articles and Publications :

- "Satellite autonomous navigation using Navsat GEO plus HEO configuration", C. Carnebianca, G. Solari, A. Cramarossa, G. Rondinelli, J. Deza, C. Reines. XXXVII IAF Congrex (Innsbruck, Austria, Ottobre 1986) published on Acta Astronautica, vol. 16.
- "Low cost station-keeping manoeuvres for a small satellites constellation in Tundra orbits", A. Cramarossa, G. Rondinelli, G. Barresi, F. Graziani. 2nd annual conference AIAA/USU on small satellites , Utah State University, Logan Utah, Settembre 1988.
- "An Italian approach to small satellites for low cost access to space developments", G. Rondinelli, A. Cramarossa, G. Barresi, F. Graziani. 2nd annual conference AIAA/USU on small satellites , Utah State University, Logan Utah, Settembre 1988.
- "Orbit control strategy for a constellation of three satellites in tundra orbits", G. Rondinelli, A. Cramarossa, F. Graziani. Presentato alla AAS/AIAA Astrodynamics Specialist Conference, Stowe, Vermont, August 1989.
- "Orbit control for regional navigation system based on Tundra orbit", G. Rondinelli, A. Cramarossa, L. Caporicci, F. Graziani. AIAA Guidance, Navigation and Control Conference, Boston (MA), August 1989.
- "Vega: a new low cost approach for a lightsat launcher", G. Crosicchio, A. Cramarossa. XLVI Congresso IAF (Oslo Norvegia, Ottobre 1995).
- "Cryogenic tanks for Launch Vehicles", (IAC-04-IAF-S.3.10) - M. Nebiolo, L. Basile, A. Cramarossa, R. Laudato, A. Suppo, M.F. Rossi, IAF 2004
- Spacemag n. 3/2011 La riorganizzazione dell'ESA nel nuovo quadro mondiale
- Spacemag n. 1/2012 VEGA, cambia lo scenario internazionale

Personal skills and competence

Mothertongue **Italiano**

Other language

Selfvaluation <i>European level (*)</i>	Comprehension		Speaking		Written
	listening	Reading	Oral interaction	Oral Production	
English	C2	C2	C2	C2	C2
French	B1	B1	B1	B1	B1

More information

- Courses
- Basic course of work safety, industrial hygiene, environmental protection "held by API Training and Services (May-June 2004),
 - Course based on computer protocol for Public Administration (January 2005)
 - Professor in the Master space transportation systems (05/29/2003)
 - English language course level C1/C2 (January 2008-June 2008)
 - Executive Training (July 2009)

Firma
Augusto Cramarossa

I authorize treatment of my personal data pursuant to Legislative Decree 30 June 2003, n. 196 "Protection of personal data".