



PLENARY MEETING

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Note by the Secretary-General

**CANDIDACY FOR THE POST OF MEMBER OF
THE RADIO REGULATIONS BOARD (RRB)**

Further to the information published in Document 3, I have the pleasure in transmitting to the Conference, in annex, the candidacy of:

Mr Mauro DI CRESCENZO (Italy)

for the post of member of the Radio Regulations Board.

Houlin ZHAO
Secretary-General

Annex: 1



*The Permanent Representative of Italy
to the International Organizations
Geneva*

Geneva, 8 April 2022

Mr. Secretary-General,

I have the honour to inform you that Italy has decided to present the candidature of Mr. Mauro Di Crescenzo for election as a member of the Radio Regulations Board (RRB), Region B Western Europe of the International Telecommunication Union (ITU) for the term 2023-2026, at the elections to be held during the ITU Plenipotentiary Conference, which will take place in Bucharest from September 26th to October 14th, 2022.

Please accept, Mr. Secretary-General, the assurances of my highest consideration.


Gian Lorenzo Cornado

Mr. Houlin Zhao
Secretary-General
International Telecommunication Union
Geneva

CURRICULUM VITAE

Personal Data:

Name: Mauro
Surname: Di Crescenzo
Nationality: Italian
Year of Birth: 1958

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Languages:

Italian mother tongue
English fluent
French basic



Summary

Electronic engineer specialized in electromagnetism and telecommunications, Mauro Di Crescenzo graduated with honours at Sapienza University in Rome. He began his career as a designer of satellite antennas and analyst of electromagnetic interference between transceiver systems.

In the course of his career, Mauro Di Crescenzo has gained in-depth knowledge of the international regulatory framework in the field of radio communications and space systems. He has personally led negotiations for international frequency coordination and access to orbital positions.

As for regulatory activities, he has participated and continues to participate in numerous working groups as Italian delegate, and has been involved in the activities of ITU from the "WARC" in 1992 to the last WRC in 2019.

He has demonstrated his ability to operate effectively in complex situations by leveraging the experience gained and his communication skills.

Mauro Di Crescenzo has recognized leadership skills with significant experience in spectrum management at regional, national and international level.

He has demonstrated vision, ability and integrity while working for the pertinent ITU-R Study Groups over the years and is committed to serving the ITU Membership.

His curriculum vitae, herewith attached for your attention, provides a detailed presentation of his achievements.

Education:

1986 Degree (110/110) in Electronic Engineering at the University of Rome "La Sapienza".

Postgraduate Courses:

2006 The sales manager – Sole 24 ore (Milan)

1999 Marketing in Telecommunications at INSEAD Fontainebleau (Paris)

1996 Project Management (intermediate and advanced) at Frost & Sullivan (London)

1992 Administration, Finance and Budgeting at LUISS University of Rome.

1989 VAX/VMS Internal Structure by Digital (Rome)

Teaching activity:

As a member of the Aerospace Commission of the Order of Engineers of Rome, he holds training seminars in the field of the electromagnetic spectrum and phenomena of interference between telecommunications systems with reference to the ITU Radio Regulations.

Professional Experience:**1991 - present TELESPAZIO S.p.A.**

Today *Responsible for electromagnetic spectrum management activities in the ITG (Innovation and Technological Governance) Department*

He is responsible for several electromagnetic spectrum management activities, including: participation in ITU and CEPT study groups, where he often acts as a delegate of the Italian Administration; analysis of ITU Radio Regulations and the Italian Frequency Plan Regulations; assessment of electromagnetic interference among satellite networks and between them and ground stations for fixed services; management of Publications and Coordination of Satellite Networks.

He deals with coordination of GEO and NonGEO satellite networks, supporting the Italian Public Administration and the Ministry of Defence. As an expert in Radio Regulations procedures, he is involved in the process of preparing a national strategy for requesting orbital positions and for the use of the electromagnetic spectrum. In particular, he is involved in the ITALGOVSATCOM program, which constitutes an important national asset together with the SICRAL satellite network and the CosmoSkyMed system.

He supports the Italian Defense in the coordination procedures (negotiations) for the SICRAL satellite network, Athena Fidus (French-Italian programme), and second generation CosmoSkyMed. He is participating, as frequency manager, in the phase A study of the third generation of SICRAL satellites.

He studies issues related to the evaluation of interference between Geostationary satellites and nonGEO Constellations, and collaborates with the Italian Public Administration for the work of WRC-23 in this area.

2007 *Marketing and Sales Country Manager*

South East Asia, China and Australia Country Manager. With the parent company, Finmeccanica, he is involved in negotiation of several projects with local Governments and Defence organizations.

2005 *Resident in Dataspazio as Head of Marketing Department*

Dataspazio is a company owned by Datamat (51%) and Telespazio (49%). It provides software systems for space applications such as Satellite Control Centres, Satellite and Training Simulators, Real-time Data Processing Centres and Mission Specific Engineering Software. Responsible for consolidating the traditional market and exploring new business opportunities for state-of-the-art software technologies.

2003 *Eastern Europe Area - Senior Marketing Manager*

Responsible for market analysis, business development and commercialization of the company's products on the Russian and Polish markets.

2001 *Resident in European Satellite Services Providers (ESSP) based in Brussels as Sales and Marketing Director*

Responsible for building the business and implementing a winning marketing/sales strategy allowing the EGNOS business to clearly identify a profitable customer base for ESSP. Main responsibilities: producing ESSP marketing plans ensuring that adequate revenues will be available to sustain the corresponding investment proposals; establishing and maintaining a market intelligence database; developing a strategy supporting the organization's long-term objectives; negotiating service contracts; developing knowledge and expertise in satellite navigation products and technologies.

1998 *European Union Programs*

Responsible for new services and applications in the European Union framework, identifying and coordinating overall activities for submission of proposals, supervision of projects, and commercial roll-out of the developed products/services.

1991 *Frequency Management and International Organizations*

As Italian Delegate at the IINMARSAT (International maritime satellite - London), he is involved in technical and financial matters related to the Organization.

Involved in international negotiations on spectrum regulatory matters and in several studies about frequency sharing between interfering networks.

In February 1992 he attended the WARC92 (World Radio Regulation Conference), held in Torremolinos - Spain, as a Delegate of the Italian Administration.

As Italian Delegate at the CCIR 8D and 12 Groups, he is involved in international working groups studying the mobile satellite network.

He has vast experience in the procedures for coordination of geo-stationary and non-geo-stationary satellite networks (IRIDIUM, ODYSSEY, GLOBALSTAR).

1989 - 1991 DATAMAT – Rome

System Engineer for development of the ITALSAT Ground Station Software System.

System Integration at the Fucino Ground Station.

1988 - 1989 TESIS – Rome

Technical Manager in the EUREKA Advanced Simulator Project, for the implementation of a software tool simulating a radio link between a fixed station and a robot moving in any terrain profile.

1986 - 1988 ITALSPAZIO – Rome

Involved in System Engineering for the design of satellite antennas for European Space Agency (ESA) programs.

Software implementation of mathematical models computing degradation of antenna radiation patterns due to the antenna's thermal and structural deformation and simulating interference between geo-stationary satellite networks.

Publications:

Mauro Di Crescenzo, Silvio Ceccuzzi, Antonio Ceccarelli, Giuseppe Corrao, Giuseppe Schettini, "Ka propagation model for mobile broadband services" Joint Conference 2008 14th Ka and Broadband Communication Conference, Matera - September 24th – 26th, 2008

Mauro Di Crescenzo, Giacinto La Gioia, "The Market of Broadband" Joint Conference 2005 11th Ka and Broadband Communication Conference, Rome - September 25th – 28th, 2005

Mauro Di Crescenzo, Biagio Schettini, "The software integration process for military communications HW/SW systems" 6th Nato Regional Conference on Military Communications and Information Systems 2004 - October 6th –8th , 2004

Mauro Di Crescenzo, E. Guaianella, C. Sansone, "Multicast-aware QoS in Next Generation Networks" - 6th Nato Regional Conference on Military Communications and Information Systems 2004 - October 6th –8th , 2004

Mauro Di Crescenzo, Giuseppe Rondinelli, "Multi-modal applications using Galileo – The railway sector" - Atti dell'istituto di Navigazione, Rivista di Navigazione Aerea, Spaziale Marittima e Terrestre - N° 174 March 2004

M. Di Crescenzo, M. Boldrini, G. La Gioia, E Vitali,
"ITALSAT as a vehicle for a world-wide interactive multimedia services demonstrations" Second Ka Band Utilization Conference and International Workshop on SCGII - September 24th –26th , 1996.

M. Di Crescenzo, F. Aversa,
"A Global Network Management System for MultimediaServices" 9th Tyrrhenian International Workshop on digital Communication September 7th –10th, 1997.

M. Di Crescenzo, M. Boldrini, G. La Gioia, L. Staffa, F. Aversa,
"Multimedia Applications field Trials Result and Analysis" Third Ka Band Utilization Conference - September 15th – 18th, 1997.

M. Di Crescenzo, F. Aversa,
"Multimedia Services: Business Model and Cost Analysis Process" Fourth European Conference on Satellite Communications - November 18th –20th, 1997.

References will be provided upon request

Mauro Di Crescenzo

Candidate's statement

For years, Italy has been an active member and a strong supporter of the International Telecommunication Union (ITU).

ITU is an institution recognized worldwide for planning the use of the radio frequency spectrum and orbital resources and for the deployment of communication technologies and services. The effects of this mission are evident in the progress achieved in telecommunications and socio-economic growth especially for developing countries.

The mission and objectives of the Radio Regulations Board are clearly defined in the article 14 of the "*Constitution of the International Telecommunication Union*", which I carefully studied and which also represent my own objectives and mission. In particular, I would like to draw the attention on the following statement, which reflects my personal view:

... "Each member shall be familiar with the geographic, economic and demographic conditions within a particular area of the world. They shall perform their duties for the Union independently and on a part-time basis".

I am an electronic engineer specialized in electromagnetism and telecommunications with a degree obtained with honors at Sapienza University in Rome. I began my career as a designer of satellite antennas and analyst of electromagnetic interference between transceiver systems and today I have a significant experience in spectrum management and regulatory aspects working worldwide on a wide range of telecommunication activities.

In the course of my career, I have gained in-depth knowledge of the international regulatory framework in the field of radio communications and space systems and I have personally led negotiations for international frequency coordination and access to orbital positions.

In the field of regulatory activities, I have participated and continue to participate in numerous working groups as an Italian delegate, and I was involved in the activities of the ITU from the "WARC" which took place in 1992 to the last WRC in 2019.

I have demonstrated my ability to operate effectively in complex situations by leveraging the experience gained and my communication skills.

I have recognized leadership skills with significant experience in spectrum management at regional, national and international level.

I have demonstrated vision, ability, and integrity while working for the pertinent ITU-R Study Groups over the years and I am committed to serving the ITU Membership.

I am aware of the role I would play and I commit to fulfill all the responsibilities that this entails to the best of my ability.