

PERSONAL INFORMATION

Salvatore La Rosa

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Date of birth 01/07/1963 | Nationality Italian

WORK EXPERIENCE

16/04/2012–Present **Scientific attachè and research policy developer in direct collaboration with the Head of Department for High Education and Research of the Italian Ministry for Education, University and Research.**

Ministry of Education, Universities and Research, Rome (Italy)

01/02/2008–15/04/2012 **Seconded National Expert (SNE). General Directorate for Research and Innovation of the European Commission**

European Commission, Brussels (Belgium)

02/06/1997–Present **First rank researcher in Physics**

ELETTRA Sincrotrone Trieste S.C.p.A., Trieste (Italy)

01/10/1996–31/05/1997 **Post-doc fellow. Reintegration Marie Curie FP grant**

Physics Department, University of Catania, Catania (Italy)

01/10/1994–31/05/1996 **Post-doc fellow Human Capital and Mobility Marie Curie FP grant**

Ecole Polytechnique Federale de Lausanne, Lausanne (Switzerland)

01/10/1993–30/09/1994 **Post-doc fellow**

Physics Department, University of Leuven, Leuven (Belgium)

EDUCATION AND TRAINING

1989–1992 **PhD in Physics**

University of Catania and University of Wisconsin (USA), Catania (Italy)

1983–1987 **Laurea Diploma in Physics (110/110 cum laude)**

University of Catania, Catania (Italy)

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

French	B2	B2	B2	B2	B1
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Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Communication skills

Very good communication attitude.
 Very good communication skills gained during my working experience both at the European Commission (where they were also structured attending specific training courses) and, now, at the Italian Ministry of Education, University and Research.
 The communication skills were strengthened using these capacities during:
 - the representation of the Italian government in several international Boards where negotiations are held, and decision are taken, concerning the Italian participation in research infrastructures of pan-European interest, in particular in ERICs (European Research Infrastructure Consortia)
 - inter-ministerial meetings where national strategies for research and innovation were defined
 - international evaluation of research proposals.
 I was also always appreciated by my colleagues for the capacity demonstrated in establishing good human relationships.

Organisational / managerial skills

Very good team leading skills.
 Leadership in activities (including scientific ones) and capacity of leading groups.
 For example, at national level, I was leading to the definition of the last Italian Roadmap for Research Infrastructures.
 At international level, I was elected and I am the Chair of the General Assembly of EPOS ERIC, the Chair of the Board of Governmental Representatives for CTA and the Chair of the Interim ACTRIS Council.
 Very good organisational skills gained working in national and international environment of different nature, from scientific environments to political ones.

Job-related skills

I acquired a solid experience in experimental Physics during 20 years as researcher in international competitive scientific environments connected to large multidisciplinary research infrastructures. Some fields of expertise are: photoemission spectroscopy, solid state physics, physics of superconductors, surface physics, physics of semiconductors, ultra-high vacuum techniques and equipment. More than 50 publications in peer reviewed international journals.

At the beginning of 2008, I have been seconded as a National Expert to the DG Research (then DG Research and Innovation) of the European Commission for more than 4 years. This position contributes to my know-how and learning about European procedures and policies, in particular, to the following aspects:

- definition of policies and the management and implementation (together with an officer of the European Commission) of the FP7 Capacity specific Programmes (Research Potential and Regions of Knowledge), including evaluation and negotiations. Moderation of panels of experts. Preparation of strategic papers, work-programmes and policy analysis. Back-up for the Research Potential Call Coordinator. Assistance to the development of the regional dimension of RTD policy, including for research infrastructures, focusing on the use of Structural Funds (liaison with DG REGIO)
- reference person of the Unit for Interservice consultations on scientific related topics when Italy, Malta and Slovenia were involved
- presentations, speaking notes, briefings and speeches
- in charge of dossiers related to the following scientific topics: materials and industrial technologies, nanotechnologies and energy
- European Commission representative in the ESFRI working group dealing with Regional issues.

As a result of this acquired know-how, on April 2012, I was called in Rome to collaborate with the Italian Ministry of Education, University and Research (MIUR) by the Minister Francesco Profumo. My task consists in the collaboration with the Head of the Department for High Education and Research and with the General Directorate for Research of the abovementioned Ministry, and has been ongoing with three different Ministers until now.

In the following a short description of the activities and roles in these 7 years of work at the Italian Ministry for Education, Universities and Research based on my know-how in competitiveness, innovation, research and development and supporting the improvement of the Italian research system.

My duties include supporting the formulation of national strategies, for example the one on research infrastructures. My support is related with activities devoted in general to ensure an increase of the level of internationalisation of the national research system and of R&D clusters.

I have been involved in the negotiation of the European Multiannual Financial Framework and of the Framework Programme for Research and Innovation (Horizon 2020).

I have been involved in the support of Italian actions in international cooperation especially in the Mediterranean area and representing Italy at the beginning of the action defining the scope and role of PRIMA joint action.

I represented the Ministry in inter-ministerial working groups (i.e. the ones working for European macro-regions and for the definition and implementation of smart specialisation strategies).

During the semester of the Italian Presidency of the European Union, I represented Italy at some Research Working Parties and as part of the team set up by the Italian Minister for the Presidency.

I am Member of International Advisory Boards (for example of the MERIL project and for the METROFOOD initiative where I am acting as a Chair of the Group of the Italian Ministries and the other stakeholders).

On a more general level, I have been actively involved in the definition of the Italian National Plan for Research, and during the last years I focused my attention in particular on research infrastructures.

In this context I have been leading the definition of the National Plan for Research Infrastructures (considered one of the best practice in Europe). This included the definition of a specific action focused on the synergy between research and structural funds, making available, for a selected group of research infrastructures, a financial envelop of 340 million euro.

Activities have been developed in tight contact with the Italian delegates at ESFRI, and on behalf of the Minister I welcomed the ESFRI delegations, opening two meetings held in Italy.

I am the Italian Delegate, representing the Ministry, in most of the ERICs Italy is participating in and I have followed almost all the international negotiations for their setting up. This is actually my main effort at the moment and, thanks to an overall vision acquired because of this extended involvement, I can provide an added value during meetings facilitating the processes while bringing the Italian, as well as an EU perspectives to these negotiations. This seems to have been appreciated by many delegations who have supported my election as Chair of different Boards.

I have at the moment the following roles:

- Chair of EPOS ERIC General Assembly
- Chair of the Board of Governmental Representatives for the setting up of CTA ERIC
- Chair of Governmental Representatives for the setting up of ACTRIS ERIC
- Head of Delegation in the European Spallation Source ERIC Council
- Delegate for the international negotiation for the setting up of ELI ERIC
- Delegate in the EMSO ERIC Assembly of Members
- Delegate in the ECCSEL ERIC General Assembly
- Delegate in the LIFEWATCH ERIC General Assembly
- Delegate in the CERIC ERIC General Assembly
- Delegate in the ICOS ERIC General Assembly
- Delegate in the Working Group for the setting up of KM3NET ERIC.

Previously I had also the following roles:

- Chair of the Board of Governmental Representatives for the setting up of EPOS ERIC
- Delegate in the Board setting up INSTRUCT ERIC
- Delegate in the Board setting up EMBRC ERIC

Finally, in Brussels I'm also acting as international expert evaluator of proposals (FP7 and Horizon 2020 calls) being selected by the European Commission and by the Research Executive Agency, and having, in the last years, mainly the role of vice-Chair.

ADDITIONAL INFORMATION

Publications

More than 50 scientific publication in international peer reviewed journals mainly about spectroscopic

studies performed with synchrotron radiation.

Evaluation Evaluation of project to be financed by structural funds (Czech Republic).

Registered expert in the Participant Portal, expert ID: EX2006C197430.

Expert evaluator of FP7 and Horizon 2020 projects.

I have been selected by the European Commission and its services to evaluate proposal in several calls during the last three years (Marie-Curie IF, IRSES, RISE, SWAFS, COFUND, ITN, ERA Chair, Twinning, Teaming).

Reviewer of European projects.

Policy documents

- HIT 2020 Italy
- National Research Program
- National Programme for Research Infrastructures
- Call for financing Research Infrastructures using Structural Funds