

Curriculum vitae

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Personal Information

FIRST NAME/
SURNAME Luciano Catani
ADDRESS Birčaninova ulica, 11 - 11000 Beograd Serbia
EMAIL luciano.catani@esteri.it, belgrado.scienza@esteri.it
NATIONALITY Italian
DATE OF BIRTH 08/06/1963

Work Experience

POSITION 2021- , Science Attaché to Republic of Serbia, with secondary accreditation to Bosnia and Herzegovina, Montenegro, North Macedonia, Kosovo
EMPLOYER Italian Embassy in Belgrade
POSITION 2020-2021, Seconded National Expert
EMPLOYER European Commission, Brussels
ACTIVITIES EU Research and Innovation policy and programmes
POSITION 2020- , Visiting Professor
EMPLOYER GSSI Gran Sasso Science Institute - L'Aquila
ACTIVITIES School of Advanced Studies
POSITION 2019-2020, Science and Technology advisor
EMPLOYER Elettra-ST - Trieste
ACTIVITIES Research Infrastructures, ICT
POSITION 2012-2020, Senior Expert
EMPLOYER Italian Ministry of Education, University and Research
ACTIVITIES National and international research policies development and coordination
POSITION 2002-2012, Contract Professor; 1994-2001, Adjunct Professor
EMPLOYER University of Roma "Tor Vergata"
POSITION 1991- , Researcher/Senior Researcher
EMPLOYER National Institute for Nuclear Physics
ACTIVITIES Science and technology of particle accelerators, Particle Physics, Computing

Research Policies and Research Coordination (2012-)

Italian Ministry of University and Research (MUR):
APPOINTMENTS - MUR Senior Expert in the shadow Strategic Programme Committee of Horizon Europe "ERA and Widening Policy";
- Italian representative at: "ERAC ad-hoc Working Group on Partnership Instruments" of the European Council (2018-2020); Steering Group of OECD project "Public research funding on mission-oriented policies"; Steering Group of European Commission and OECD initiative "HEInnovate"; Advisory Board of European Commission project "EOSC-hub"; High Level Group for Joint Programming of the European Research Area Committee of the European Council; Research and Innovation Observatory of European Commission and reviewer of the annual JRC RIO Country Report - Italy; ERAC Standing Working Group on Open Science and Innovation of European Council; State Representatives Group of the Joint Undertaking "CleanSky"; State Representatives Group of the Technological Platform ACARE and MUR representative in ACARE Italia;
- Member of MUR Working Groups on: G7 Ministries of Science, Turin 2017 and co-coordinator of topic "Training of Human Resources for R&I"; Research Infrastructures and National Programme for Research Infrastructures; Italy's Roadmap towards the European Research Area; MIUR informal Working Group toward the next Framework Programme FP9; MIUR Task Force of the Italian Presidency of the Council of the European Union 2014.

MAIN ACTIVITIES European Commission (EC):

AND RESPONSIBILITIES - Country Desk Officer (CDO) for DG Research and Innovation (DG RI) of the European Commission, responsible for: European Semester; Recovery and Resilience Facility; R&I in Cohesion Policy. Representative of DG RI in the EC Country Teams of Portugal and Spain and deputy for Italy;

Italian Ministry of University and Research (MUR):

- Contribution to: National Programme for research PNR 2021-27 (technical-scientific expert);
- Contribution to MUR policy documents: "Consultazione FP9" initiative; "Italy's Roadmap towards the European Research Area"; "Research Infrastructures and National Programme for Research Infrastructures – PNIR 2015-20"; "Italian contribution to the quest for EU R&I Missions topics"; "Horizon 2020 Italia - HIT 2020 ricerca & innovazione".
- Coordinator of: MUR participation to Horizon 2020 Coordination and Support Actions "ERA-LEARN" (GA. 645782 and GA.811171) and "ENGRes2014" (GA. 635893); 'Italian Presidency of EU Council 2014' conferences "International, Intersectoral, and Interdisciplinary the triple "i" approach to doctoral training" - Padova, November 2014 and "Empowerment of the Next Generation of Researchers - Promoting talents, spreading excellence" - Trento, November 2014.

Scientific Research (1991-2012)

Italian National Institute for Nuclear Physics (INFN) and University Roma-Tor Vergata:

- MAIN RESEARCH ACTIVITIES
- !CHAOS project: coordinator; SPARC project: local coordinator, responsible of deliverable movable emittance measurement tool (2000-2010); SPARX project: local coordinator and member of technical committee of University Roma-Tor Vergata (2006-2010); FLASH accelerator (DESY, Hamburg): responsible of acquisition system and measurement tools for the accelerator optical diagnostics (1998-2002); TTF project (DESY, Hamburg): responsible of acquisition system and measurement tools for the accelerator optical diagnostics (1994-1998); LISA project: responsible for design and operation of the accelerator control system (1991-95); local coordinator of other INFN international and national projects;
 - Reviewer: MUR programme PRIN 2012, 2014 and 2015 and for Programma per il Reclutamento di Giovani Ricercatori "Rita Levi Montalcini"; Research Quality Assessment VQR 2011-2014 of Italian research system; scientific journals and funding agencies;
 - Supervisor of students and PhD candidates, currently staff at major national and international research centres/institutions (DESY Hamburg, ESRF Grenoble, CNR Rome, INFN Frascati);
 - Invited lecturer at national and international institutes, workshops, schools and conferences;
 - Author of >200 publications (1990-2012) on scientific journals (Citations: >5000, i10-index: 43, h-index: 21 - source Google scholar).

MAIN COORDINATION ROLES - Convener for the Local Evaluation Group GLV of INFN in Technology, Interdisciplinary and Particle Accelerators research (2003-12);

- Member of National Scientific Committee of INFN for the coordination of research on Technology, Interdisciplinary and Particle Accelerators - CSN5 (2001-07);
- INFN Representative in: European Science Foundation Forum on "European Alliance on Research Career Development" and co-author of the Forum publications; Science Europe Working Group on "Research Careers";
- Member of: International Programme Committee of PCaPAC and Chairperson of PCaPAC 2002 Conference; International Programme Committee of CoToGAN; Scientific Council of NAST - Centre for Nanoscience & Nanotechnology & Innovative Instrumentation of University of Roma Tor Vergata (2008-12);

Education and skills

- EDUCATION
- (1984 - 1990) Master's degree in physics at Università degli Studi di Roma "La Sapienza" - (final degree 110/110): physics, cybernetics;
 - (1992 - 1997) Summer student at Univ. Austin (TX), Univ. Washington Seattle (WA), MIT Boston (MA): Physics of Linear Accelerators, Beam Experiments, Accelerator Instrumentation and Beam Measurement, Electromagnetic Radiation.

- PERSONAL SKILLS
- Mother tongue: Italian
 - Other languages (understanding, speaking, writing):
English (C1, C1, C1);
French (B2, B2, B2).
 - Computing skills: Unix, MacOS and Windows OS; pro-level in C, Fortran and other programming languages, Adobe Suite, MS Office™ tools, LabVIEW;
 - Coordinator of IT services of a non-profit Organisation (1992-1998).