

Curriculum Vitae of Fabio Bossi

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| | FABIO BOSSI |
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| | Tel: +39 06 9403 2894 (Office) +39 347 5121569 (Mobile) |
| | e-mail: fabio.bossi@lnf.infn.it |
| | Place and Date of birth: Roma 19/07/1960 |
| | Nationality: Italian |
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| Education and training | |
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| 1985 | Laurea in Fisica Universita' La Sapienza Roma |
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| Work positions | |
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| 1988-1989 | Borsista (Fellow) Laboratori Nazionali di Frascati INFN |
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| 1989-1991 | PPE Fellow CERN Geneva |
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| 1990-2002 | Ricercatore (Staff Researcher) Laboratori Nazionali di Frascati INFN |
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| 2002-2010 | Primo Ricercatore (Senior Researcher) Laboratori Nazionali di Frascati INFN |
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| 2010 – today | Dirigente di Ricerca (Research Director) Laboratori Nazionali di Frascati INFN |
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| Scientific Roles | |
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| 1990-1993 | Shift Leader ALEPH Experiment CERN Geneva |
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| 1994-2000 | Head of the Trigger Project KLOE Experiment Laboratori Nazionali di Frascati INFN |
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| 2001-2004 | Deputy Technical Manager KLOE Experiment Laboratori Nazionali di Frascati INFN |
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| 2004-2008 | Technical Manager KLOE Experiment Laboratori Nazionali di Frascati INFN |
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| 2008-2015 | Spokesperson KLOE-2 Collaboration Laboratori Nazionali di Frascati INFN |
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| 2014-2015 | Head of Research Division Laboratori Nazionali di Frascati INFN |
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| 2015-today | Director of INFN Sezione di Lecce |

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| Panels and Committees | |
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| 2005-2011 | Review Committee INFN-GRID Project Member |
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| 2006 | TIER1 Peer Review Committee CNAF-Bologna Member |
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| 2009-2014 | Scientific and Technical Advisory Committee EGO Consortium Member |
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| 2009-2014 | LNF Users Selection Panel TARI-HP3 Member |
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| Teaching Activities | |
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| 1995-2014 | Supervisor for 7 Diploma and 2 PhD Thesis University "Sapienza", "Tor Vergata" "Roma Tre", Pisa |
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| 2001-2002 | Tutor in "Experimental Physics" 1 st Year Course University "La Sapienza" Engineering Department |
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| 2001-2002 | Tutor in "Electromagnetism" 2 nd Year Course University "La Sapienza" Engineering Department |
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| 2010 | Lecturer on "Kaon Physics" PhD Course University "della Calabria" Physics Department |
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| 2012 | Opponent for PhD Thesis Uppsala University Physics Department |
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| 2014-today | Member of the Scientific Board for the PhD Program University "Roma Tre" |
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| Scientific Achievements | |
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| 1985-1989 | As a member of the ALEPH Collaboration at CERN, participation to the construction of the Hadron Calorimeter and of the Muon System |
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| 1989-1998 | As a member of the ALEPH Collaboration at CERN, contributions to Electroweak precision measurements and strange tau meson decays. Work on possible usage of the latter for CPT violation studies. |
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| 1995-2006 | As a member of the KLOE Collaboration at LNF, design construction and operations of the Trigger System. |
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| 2000-2010 | As a member of the KLOE Collaboration at LNF, contributions to neutral kaon decays studies and determination of the CKM matrix element V_{us} . Work on potentials of a high luminosity ϕ -factory for extremely rare kaon decays Organization of a workshop in Alghero (2003) to study feasibility of the above hypothesis. |
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| 2006-2007 | Participation to the Study Group for the construction of a high-luminosity e^+e^- collider with variable energy in the range 1-3 GeV. |
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| 2007-2009 | Participation to the campaign for the experimental determination of the performance of DAΦNE with the crab-waist collision scheme. |
| 2009-today | As a member of the KLOE-2 Collaboration, principal investigator on searches on new light force mediators (“dark photons” or “U bosons”). First General Seminar held in Frascati on theoretical and experimental aspects of these searches, Nov. 2009. Organization of a workshop at LNF (DARK2012) to discuss theoretical and experimental perspectives in the sector worldwide, Oct. 2012. Co-founder of the PADME proto-collaboration for the search of dark photons and light dark matter particles with fixed target experiments at the BTF facility of LNF. |
| 2013 | Participation to the Study Group for the construction of an Interdisciplinary Research Infrastructure based on a Dual Linac (IRIDE) at LNF. |
| Conferences and Seminars | |
| 1990-today | Presentations at International Conferences in Belgium, France (2), Italy(8), Poland, Portugal, Russia (3), Spain, South Korea, Switzerland, USA (5) |
| 2005-today | Invited topical Seminars in Annecy (France), Mainz (Germany), Padua, Perugia, Naples, Rome, Rome3 (Italy), Uppsala (Sweden), Ann Arbor, Wayne State (USA) |