

Fabio Bellini

Curriculum Vitae

Part I – Education

Type	Year	Institution	Thesis/Mark
PhD (XVI ciclo)	29.01.2004	“Sapienza” Univ. of Rome	“Measurement of $b \rightarrow s \gamma$ Branching Ratio Studying the Recoil of Fully Reconstructed B's with the BaBar Experiment”
Master Degree Graduation	19.07.2000	Univ. of Rome “Roma Tre”	“Misura della Sezione d'urto di rigenerazione di mesoni K neutri di impulso 110 MeV/c” 110/110 cum laude
High School Graduation	1995	Liceo Scientifico “A. Labriola”	60/60 cum laude

Part II – Academic Appointments

Start	End	Institution	Position
05.10.2018	05.10.2027	MIUR (Ministry of Education, Universities and Research)	Abilitazione Nazionale Prof. I fascia SC02/A1-SSD FIS/01
01.10.2015	today	“Sapienza” Univ. of Rome	Associate Professor
01.01.2010	today	National Institute Nuclear Physics (INFN)	Incarico di Ricerca
30.12.2008	30-09-2015	“Sapienza” Univ. of Rome	Assistant Professor
07.11.2006	06.11.2008	INFN	Grant Holder (Assegno di Ricerca)
01.10.2006	31.10.2006	Univ. of Rome “Tor Vergata”	Contratto di Collaborazione
15.07.2006	30.09.2006	Univ. of Milano Bicocca	Contratto di Collaborazione
01.06.2004	31.05.2006	“Sapienza” Univ. of Rome	Grant Holder (Assegno di Ricerca)
02.2004	05.2004	Fondazione Angelo Della Riccia	Grant for research at Stanford Linear Accelerator Center Laboratory

Part III – Teaching experience

Academic Year	Institution	Lecture/Course
18/19	“Sapienza” Univ. of Rome	Course: Mechanics (6 CFU)
18/19	“Sapienza” Univ. of Rome	Lectures on “Metodi statistici per l'analisi dei risultati sperimentali” for Percorso di Eccellenza
15/16-18/19	“Sapienza” Univ. of Rome	Course: Laboratory of Mechanics (12 CFU)
17/18-18/19	“Sapienza” Univ. of Rome	Lecture on “Detectors for Physics at Gran Sasso Laboratory” for Detectors for Particle Physics Course
15/16-16/17	“Sapienza” Univ. of Rome	Lectures on BBN & Stellar Nucleosynthesis and Neutrinoless Double Beta Decay search for Nuclear Physics Course
12/13-14/15	“Sapienza” Univ. of Rome	Course: Physics (Chemistry Pharmaceutical Technology Dep.) (8 CFU)

12/13-16/17	“Sapienza” Univ. of Rome	Lectures for Preparation to the Physics Olympics
10/11-14/15	“Sapienza” Univ. of Rome	Lectures on Neutrino Physics for Elementary Particles Physics Course
11/12	“Sapienza” Univ. of Rome	Teaching Assistant: Mechanics
11/12	“Sapienza” Univ. of Rome	PhD Course: Neutrino Physics (PhD in Physics XXVII cycle)
10/11	“Sapienza” Univ. of Rome	Lectures on Neutrino Physics for Nuclear and SubNuclear Physics II
09/10-11/12	“Sapienza” Univ. of Rome	Responsible for the experience “Scintillating crystals light yield vs temp”, High Energy Physics Laboratory course
08/09, 09/10,11/12	“Sapienza” Univ. of Rome	Teaching Assistant: Physics (Chemistry & Pharmaceutical Technology Dep.)
09/10,10/11	“Sapienza” Univ. of Rome	Tutor of short theses for Nuclear and SubNuclear Physics III
09/10	“Sapienza” Univ. of Rome	Teaching Assistant: Laboratory of Electromagnetism and Circuit
04/05,06/07,0 7/08	“Sapienza” Univ. of Rome	Teaching Assistant - lezioni di supporto alla didattica: Laboratory of Electromagnetism and Circuit
05/06	“Sapienza” Univ. of Rome	Teaching Assistant -lezioni di supporto alla didattica: Laboratory of Instruments and Measurement Methods (Engineering Dep.)
05/06	“Sapienza” Univ. of Rome	Teaching Assistant - lezioni di supporto alla didattica: Computer Science Laboratory (Chemistry & Pharmaceutical Technology Dep.)
02/03	“Sapienza” Univ. of Rome	Teaching Assistant: support course in Physics (Chemistry & Pharmaceutical Technology Dep.)
01/02	“Sapienza” Univ. of Rome	Teaching Assistant - lezioni di supporto alla didattica: General Physics I (Mathematics Dep.)
00/01	Univ. of Roma Tre	Teaching Assistant: General Physics I

Part VI - Funding Information

Year	Role	Agency/Program	Grant Value (k€)
2020	PI	Sapienza Univ. of Rome/Bolometers optimisation	12
-2019	PI	INFN/CUPID	643
2019	PI-Rome	MIUR/PRIN 2017: Advanced techniques for a next generation cryogenic Double Beta Decay experiment.	244
2016-2019	PI-Rome	INFN/CUPID-0	189
2018	PI	Sapienza Univ. of Rome/Cryogenic Calorimeter Characterisation	12
2014	PI	Sapienza Univ. of Rome/Grant for Equipments for Interdepartmental Researches: cryogenic setup	100
2014	PI	Sapienza Univ. of Rome/Thin film characterisation for light yield optimisation in cryogenic detectors	13
2013	PI	Sapienza Univ. of Rome/Intraoperative probe for brain tumour surgery	12
2013	PI	Sapienza Univ. of Rome/Assignment of “Assegno di Ricerca” for young coordinators of research projects (Intraoperative probe for brain tumour surgery)	22

21.03.2013 21.03-2017	PI-Rome	MIUR/FIRB 2012: Cryogenic light detector development	244
01.02.2013 01.02-2016	PI-Rome	MIUR/PRIN 2010-11: Low radioactivity detector R&D	142
2012	PI	Sapienza Univ. of Rome/Light characterisation of TeO ₂ Cherenkov light	12
2011	PI	Sapienza Univ. of Rome/Optical properties study in crystals for the $0\nu\beta\beta$ search	15
2011-2016 2013-2016	Rome PI National PI	INFN/LUCIFER-RD	89
2004	PI	Grant "Fondazione Angelo Della Riccia" for research in a foreign laboratory (SLAC)	6
Total			~1.750 M€

Part VIII – Summary of Scientific Achievements

Numbers are from **ISI-WOS Core Collection**. IF are not available for publications in 2019, 2018-IF are used in those cases. Numbers are quoted for the the whole production (and in the past 15 years).

Product type	Number	Database	Date	End
International	460(397)	ISI	2001	2020

Total citations	15016(12265)
Average citation for product	34.6(30.89)
Total Impact Factor	2128(1942)
Average Impact Factor	4.96(4.89)
Hirsch (H) index	78(72)
Normalized H index*	4.3(5.2)

*H index divided by the academic seniority =18 (time span from first publication 2001)