

## Federico Belliardo

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<b>OBJECTIVE</b>	Obtaining a position at DESY as a summer student, in order to deepen my knowledge in the field of Physics.
<b>EDUCATION</b>	<div><div><i>Univesity of Pisa:</i>2014-present Current undergraduate student in Physics.</div><div><i>Scuola Normale Superiore di Pisa:</i>2014-present Attending <i>Corso Ordinario</i>, Classe di Scienze. Students of Scuola Normale Superiore (<a href="http://www.sns.it">www.sns.it</a>) live together in colleges and have to pass a very selective entrance exam, maintain high grades and attend extra courses on advanced topics.</div><div><i>I.I.S. "G. Vallauri", Fossano:</i>2009-2014 Liceo Scientifico-Tecnologico (High school). <i>Diploma di maturità</i>, marks: 100/100.</div></div>
<b>COMPUTER SKILLS</b>	<i>Languages &amp; Software:</i> Python, C/C++, L <sup>A</sup> T <sub>E</sub> X <i>Operating Systems:</i> Linux, Windows
<b>LANGUAGES</b>	<i>First language:</i> Italian <i>Others:</i> English (B2 level, Cambridge English: FCE - 79/100)
<b>EXPERIENCES</b>	<div><div><i>International Physics Olympiads (IPhO) 2014 held in Astana</i>July 2014 Silver Medal winner. IPhO is an international event where the best students from all over the world challenge themselves in solving theoretical and experimental problems, and get the opportunity to meet international students and visit the foreign country in which Olympiads are held.</div><div><i>Italian Physics Olympiads 2014</i>April 2014 Gold Medal and pre-IPhO stage at ICTP (<i>Abdus Salam International Centre for Theoretical Physics</i>) in Trieste (Italy). Physics competition among the best Italian students.</div><div><i>International Physics Olympiads (IPhO) 2013 held in Copenhagen</i>July 2013 Bronze Medal winner.</div><div><i>Italian Physics Olympiads 2013</i>April 2013 Gold Medal and pre-IPhO stage at ICTP, Trieste.</div><div><i>Zero Robotics High School Competition 2012</i>January 2013 Team ROBOVALL - European Agency host at ESA (<i>European Space Agency</i>), Leiden (Netherlands). In two words our aim was to program a SPHERE Satellite in order to move and do certain jobs (like taking up objects or shining lasers) with more efficiency than the</div></div>

other teams. We reached the European Finals where our code was run on actual satellite on the ISS (*International Space Station*).

*Italian Physics Olympiads 2012*

April 2012

Bronze Medal and pre-IPho stage at ICTP, Trieste.

**PUBLICATIONS** Sara Journal (*Journal of the Society of Amateur Radio Astronomers*), March-April 2012, *Application of Empirical Mode Decomposition to the Treatment of SID Monitor Data*, Giancarlo Fissore and Federico Belliardo. Presented at *Google Science Fair 2011*.

**REFERENCES** Prof. Luigi (Gigi) Rolandi  
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