
Curriculum vitae of **Elena Blundo**

Personal data

Born in Rome, Italy, on 4 October 1995

Education

Titles

ay 2013-2014 Scientific high school diploma at Liceo Scientifico Ettore Majorana, Rome, with mark *100/100 cum laude*.

ay 2017-2018 Bachelor in Physics at Sapienza University of Rome with mark *110/110 cum laude* on 19 October 2017. Thesis on *Mechanical deformations of two-dimensional materials* under the supervision of Prof. Antonio Polimeni.

The candidate also accomplished the Path of excellence of the Bachelor in Physics.

ay 2018-2019 Master's Degree in Physics at Sapienza University of Rome with mark *110/110 cum laude* on 25 March 2019. Thesis on *Electronic properties of two-dimensional crystals under strain fields* under the supervision of Prof. Antonio Polimeni.

Publications

1. Davide Tedeschi, Marco Felici, Giorgio Pettinari, [Elena Blundo](#), Elisa Petroni, Simona Sennato, Chris Zhang, Yuerui Lu, and Antonio Polimeni

Proton-driven patterning of bulk transition metal dichalcogenides

arXiv:1803.09825 (2018)

Oral presentations at international conferences

1. [Elena Blundo](#), Davide Tedeschi, Marco Felici, Giorgio Pettinari, Simona Sennato, Elisa Petroni, Tanju Yildirim, Chris Zhang, Ankur Sharma, Boqing Liu, Yuerui Lu, Antonio Polimeni

Hydrogen-driven generation of atomically thin, light emitting domes in transition metal dichalcogenides

Materials 2018, 22 – 26 October 2018, Bologna, Italy.