

Michela Ronti

Curriculum vitae

Date of birth 30/12/1987

Nationality: Italian

Present Address: Computational Physics,

Sensengasse 8/18, 1090

Vienna, Austria

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Position

July 2015 - present **Ph.D. student**, *University of Vienna, Computational Physics group*.
Marie Skłodowska-Curie European Training Network **COLLDENSE**
Supervisor: Sofia Kantorovich
Project title: **Self-assembly in Dipolar Fluids**

Education

- 2015 **Master's degree in Physics**, *University 'La Sapienza' of Rome*.
Thesis title: "Self-assembly of anisotropic colloidal patchy particles"
Supervisor: Emanuela Zaccarelli
Principal subjects: **theoretical physics, computational physics, complex systems, statistical mechanics of disordered systems**, soft matter, colloids, stochastic processes
- 2010 **Bachelor's degree in Physics and Astrophysics**.
University 'La Sapienza' of Rome.
Dissertation title: "Spettri infrarossi di Idrocarburi Policiclici Aromatici (PAHs) in oggetti astrofisici studiati con la Teoria del Funzionale Densità (DFT)"
Supervisors: Prof. Francesco Piacentini, Prof. Leonardo Guidoni
Experiences: former member of Computational Biophysics Biochemistry and Chemistry group
- 2006 **High school diploma**, *'Liceo Scientifico' Alatri (FR) 'Indirizzo sperimentale PNI'*.

Experiences abroad

- 2013 **Visiting student**, *U.C. Berkeley, California (USA)*, Duration: 3 (months).

Posters

- 2015 **Modeling monoclonal antibodies with patchy particles**, *FisMat 2015*, Palermo, Italy.
Self-assembly of anisotropic colloidal patchy particles, *International School of Physics "Enrico Fermi" - Soft Matter Self-Assembly*, Varenna (Lake Como), Italy.

Conferences

- 17-18 September 2014 **Italian Soft Days**, *University 'La Sapienza' of Rome*.

Languages

Italian	Mother tongue	German	Basic
English	Fluent	Spanish	Basic

Information technology skills

Programming languages	C, Pascal, Fortran, Matlab	Data fitting	Origin
Operating Systems	MacOS, Unix/Linux Windows	Typography	L ^A T _E X

Personal skills

- **Problem Solving**
- **Team work**
- Flexibility/Adaptability
- Precision/Attention to details
- Actress at the theatre 'La Scaletta' of Rome (2011-2012)