



Giuseppe Rosario Del Sorbo

ABD PhD in Chemistry (writing my thesis)

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Date / Place of birth

07-10-1988, Italy

Nationality

Italian

Driving license

B

Skills

Ability to Work in a Team

Self-motivation

Creativity

Teamwork

Ability to Work Under Pressure

Communication

Leadership

Adaptability

Languages

Italian

English

French

German

Employment History

Young Researcher (PhD), Institute Laue Langevin (FR) and MAX Planck Institute of Colloids and Interfaces (DE)

November 2017 – Present

- Sample preparations.
- Neutron experiments.
- Data analysis of Small Angle neutron Scattering(SANS), Dynamic Light Scattering (DLS) and Rheology.
- Molecular Dynamics Simulations
- Presenting results at International conferences

Research Fellow, University of Naples, Naples

- Synthesis and characterization of new soundproofing materials.
- Synthesis and characterization of nanoparticles with sol-gel method.
- Characterization of materials contains graphite content.
- Electrospinning.
- Relationship with suppliers.

Education

PhD. in Chemistry, University of Potsdam , Potsdam

November 2017 – Present

Original research thesis:

"Understanding Viscosity Changes in Oppositely Charged Biopolyelectrolyte-Surfactant Complexes"

Master in Chemical Sciences and Technologies of Industrial Chemistry, University of Naples Federico II, Naples

Original research thesis:

"Structural Characterization of Inorganic Nanoparticles Lipid Coating: Toward the Development of New Theranostic Agents".

Bachelor in Industrial Chemistry, University of Naples Federico II, Naples

Original research thesis:

Hobbies

Singing, Swimming,
Reading, Skiing.

"Formulation of Nanosystems for Antitumoral Therapy Applications"

November 2020 – November 2020

Publications

On the Mechanism of Shear-Thinning in Viscous Oppositely Charged Polyelectrolyte Surfactant Complexes (PESCs)

January 2020

Del Sorbo et al.

J. Phys. Chem.

Non Monotonous Effects of Noncovalently Functionalized Graphene Addition on the Structure and Sound Absorption Properties of Polyvinylpyrrolidone (1300 kDa) Electrospun Mats

January 2019

Del Sorbo et al.

Materials

References

Dr. Ingo Hoffmann from Institut Laue Langevin
hoffmann@ill.fr

Courses

Inskape , Institut Laue Langevin

SOPHIE (Scientific Oral Presentation Held In English), Institut Laue Langevin

Python , Institut laue Langevin

November 2020 – November 2020

Conferences

Polyelectrolyte-Surfactant viscosity changes, Institute Laue Langevin , Grenoble

May 2020 – November 2020

European Colloid & Interface Society, Leuven

September 2019

Winner of the 2019 Enzo Ferroni Award as the Best Oral Presentation of Young Scientist

Neutron Detectors and Data acquisition, Institute Laue Langevin, Grenoble

November 2019

**Structural Investigation of-
Biopolyelectrolyte-SurfactantsComplexes: developments in the
understanding viscosity behaviour, Institut Laue Langevin, Grenoble**
October 2018

European Graphene Forum, Paris
April 2017