

Dr. Alistar OTTOCHIAN

Software engineer in Computational Science
Theoretical Chemistry and Modeling group
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Formation

- **Jan 2006 - Dic 2009** Ph.D. School “G. Galilei” in Applied Physics, University of Pisa, Italy
- **Sep 2003 - Oct 2005** Second level degree on “Physics Science: curriculum of Matter Physics”, University of Pisa, Italy
- **Sep 2000 - Oct 2003** First level degree on “Physics Science”, University of Pisa, Italy

Professional Experience

- **Jan 2019** - Software Engineer in Computational Science, TCM group, i-CLeHS (FRE 2027), École Nationale Supérieure de Chimie de Paris
- **Nov 2016 - Dec 2018** Software Engineer in Computational Science, TCM group, IRCP (UMR 8247), École Nationale Supérieure de Chimie de Paris
- **Sep 2014 - Oct 2016** Assistant Professor, Temporary position (ATER), TCM group, École Nationale Supérieure de Chimie de Paris
- **Jan 2012 - Août 2014** Researcher, Temporary position CNRS, SPMS laboratory, École Centrale Paris
- **Mai 2010 - Sep 2011** Postdoc researcher, GCM, Universitat Politècnica de Catalunya

Research Activities

- Quantum methods for electronic excitation of photoactive molecules
- Molecular Dynamics of solids for clean energy production
- Molecular Dynamics of viscous and complex liquids
- Hybrids approaches for prediction of optical properties of photoactive molecules

Administrative Activities

- Safety Assistant Manager of TCM group
- Numerical Security Manager of i-CLeHS laboratory
- Webmaster of i-CLeHS laboratory and TCM group sites

Publications

1. A. Ottochian et al., *J. Mol. Model.*, **22** 61 (2016)
2. C. Ricca et al., *J. Phys. Chem. C*, **120** 12941-12951 (2016)
3. G. Geneste et al., *Phys. Chem. Chem. Phys.*, **17** 19104-19118 (2015)
4. A. Ottochian et al., *J. Mater. Chem. A*, **2** 3127-3133 (2014)
5. A. Ottochian et al., *Soft Matter*, **9** 7890-7891 (2013)
6. A. Ottochian et al., *Il Nuovo Saggiatore*, **28** 5-10 (2012)
7. Y. Hu, et al., *J. Mater. Chem.*, **22** 18744-18747 (2012)
8. Sz. Pothoczki et al., *Phys. Rev. B*, **85** 014202 (2012)
9. A. Ottochian and D. Leporini, *J. Non-Cryst. Solids*, **357** 298-301 (2011)
10. A. Ottochian and D. Leporini, *Phil. Mag.*, **91** 1786-1795 (2010).

11. A. Ottochian, C. De Michele and D. Leporini, *J. Chem. Phys.*, **131** 224517 (2009); selected in *Vir. J. Bio. Phys. Res.*, **18** (2009).
12. A. Ottochian, et al., *J. Chem. Phys.*, **131** 174902 (2009); selected in *Vir. J. Bio. Phys. Res.*, **15** (2009).
13. A. Ottochian, C. De Michele and D. Leporini, *Phil. Mag.*, **88** 4057-4062 (2008).
14. L. Larini, et al., *Nat. Phys.*, **4** 42 (2008).
15. A. Ottochian and D. Leporini, *J. Non-Cryst. Solids*, **353** 3879-3884 (2007).