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## ***Publications***

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1- [Crystalline free energies of micelles of diblock copolymer solutions](#)

G. D'Adamo, C. Pierleoni

J. Chem. Phys. 133, 204902 (2010)

| [&nbsp; arxiv abstract](#) |

2- [Coarse-graining strategies in polymer solutions](#)

G. D'Adamo, A. Pellissetto, C. Pierleoni  
Soft Matter 8, 5151-5167 (2012)

| [arxiv abstract](#) |

3- [Consistent and transferrable coarse-grained model for semidilute polymer solutions in good solvent](#)

G. D'Adamo, A. Pellissetto, C. Pierleoni  
J. Chem. Phys. 137, 24901 (2012)

| [arxiv abstract](#) |

4- [Polymers as compressible soft spheres](#)

G. D'Adamo, A. Pellissetto, C. Pierleoni  
J. Chem. Phys. 136, 224905 (2012)

(this paper has been selected by the [Virtual Journal of Biological Physics-June 15-2012](#) )

| [arxiv abstract](#) |

5- [Predicting the thermodynamics by using state dependent potential](#)

G. D'Adamo, A. Pellissetto, C. Pierleoni  
J. Chem. Phys. 138, 234107 (2013)

| [arxiv abstract](#) |

6- [Consistent coarse-graining strategy for polymer solutions in the thermal crossover from Good to Theta solvent](#)

G. D'Adamo, A. Pellissetto, C. Pierleoni  
J. Chem. Phys. 139, 34901 (2013)

| [arxiv abstract](#) |

7- [Depletion effects in colloid-polymer solutions](#)

G. D'Adamo, A. Pellissetto, C. Pierleoni

**Mol. Phys.** (2013)

| [arxiv abstract](#) |

**8-Phase diagram of mixtures of colloids and polymers in the thermal crossover region from Good to Theta solvent**

**G. D'Adamo, A. Pellissetto, C. Pierleoni**

**J. Chem Phys. 141, 024902 (2014)**

| [arxiv abstract](#) |

**9-Accurate coarse-grained models for mixtures of colloids and linear polymers under good-solvent condition**

**G. D'Adamo, A. Pellissetto, C. Pierleoni**

**J. Chem Phys. 141, 244905 (2014)**

| [arxiv abstract](#) |

## Related links

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- [Structure based coarse-graining for hopolymers solutions \(CECAM Workshop:Coarse-Graining strategies and methodologies for Polymer and Biomolecular Assemblies 2011-pdf poster\)](#)
  - [Consistent and transferable coarse-grained model for polymer solutions \(Poster pdf 2012\)](#)
  - [An answer to the Question: What is the Enlightenment?\(1784\)](#)
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Crystafree energies of micelles of diblock copolymer solutions J. Chem. Phys. **133**, 204902 (2010)

Crystalline free energies of micelles of diblock copolymer solutions  
J. Chem. Phys.  
**133**  
, 204902 (2010)

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- [G. D'Adamo, C. Pierleoni, "Crystalline free energies of micelles of diblock copolymer solution", J. Chem. Phys. 133,204902 \(2010\)](#)

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*Free energy calculations for clustered crystals of di-block copolymers in solution*

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*An Answer to the Question: What is Enlightenment? (1784)*