

- Wetting phenomena on the nanometer scale, S. Dietrich, M. Rauscher, and M. Napiórkowski, in *Nanoscale liquid interfaces: wetting, patterning and force microscopy at molecular scale*, eds. T. Ondarcuhu and J.-P. Aimé, Pan Stanford Publishing, p. 83-154 (2013).
- Critical Casimir forces for  $O(N)$  models from functional renormalization, P. Jakubczyk and M. Napiórkowski, *Phys. Rev. B* **87** 165439 (2013).
- The imperfect Bose gas in  $d$  dimensions: critical behavior and Casimir forces, M. Napiórkowski, P. Jakubczyk and K. Nowak, *J. Stat. Mech.* P06015 (2013).
- Quantum criticality of the imperfect Bose gas in  $d$  dimensions, P. Jakubczyk and M. Napiórkowski, *J. Stat. Mech.* P10019 (2013).
- Capillary-gravity waves on a film of arbitrary depth: analysis of the wave resistance, Karol Wędołowski and Marek Napiórkowski, *Phys. Rev. E* **88** 043014 (2013).
- Phase diagrams and solvation forces of a uniaxial ferromagnet in a slit - the double-parabola approach, Adam Wójtowicz and Marek Napiórkowski, *J. Phys.: Cond. Matter* **25** 485007 (2013).
- On the relation between Casimir forces and bulk correlations, M. Napiórkowski and J. Piasecki, *J. Stat. Phys.* **156**, 1136 (2014).
- The influence of van der Waals forces on droplet morphological transitions and solvation forces in nanochannels, F. Dutka and Marek Napiórkowski, *J. Phys.: Cond. Matter* **26** 035101 (2014).
- Lateral critical Casimir force in 2D Ising strip with inhomogeneous walls, Piotr Nowakowski and Marek Napiórkowski, *J. Chem. Phys.* **141**, 064704 (2014)
- 5th Warsaw School of Statistical Physics, Kazimierz Dolny, 2012, eds B. Cichocki, M. Napiórkowski and J. Piasecki, Warsaw University Press, Warszawa (2014)
- Wetting transitions in terms of effective potentials, M. Napiórkowski and S. Dietrich, *Phys. Rev. Lett.* **114**, 039601 (2015)
- Dynamics of a liquid film of arbitrary thickness perturbed by nanoobject, Karol Wędołowski and Marek Napiórkowski, *Soft Matter* **11**, 2639 (2015)
- Quantum wetting transitions in two dimensions: an alternative path to non-universal interfacial singularities, P. Jakubczyk, M. Napiórkowski, and F. Benitez, *Europhys. Letters* **110**, 16002 (2015)

- Repulsive Casimir forces at quantum criticality, P. Jakubczyk, M. Napiórkowski, and T. Sęk, *Europhys. Letters* **113**, 30006 (2016)
- Lateral critical casimir force in tw-dimensional inhomogeneous Ising strip. Exact results, Piotr Nowakowski and Marek Napiórkowski, *J. Chem. Phys.* **144**, 214703 (2016)
- Continuous and discontinuous transitions between two types of capillary bridges on a beaded chain pulled out from a liquid, Filip Dutka, Zbigniew Rozynek, and Marek Napiórkowski, *Soft Matter*, **13**, 4698 (2017)
- Thermodynamic equivalence of two-dimensional imperfect attractive Fermi and repulsive Bose gases, Marek Napiórkowski and Jarosław Piasecki, *Phys. Rev. A* **95** 063627 (2017)
- Thermodynamics of inhomogeneous imperfect quantum gases in harmonic traps, K. Myśliwy and M. Napiórkowski, *J. Stat. Mech.* 063101 (2019)
- Wetting transitions on soft substrates, M. Napiórkowski, L. Schimmele, and S. Dietrich, *Europhys. Letters* **129**, 16002 (2020)
- Non-universal Casimir Forces at approach to Bose-Einstein Condensation of an Ideal Gas: Effect of Dirichlet Boundary Conditions, M. Napiórkowski, J. Piasecki, and J. W. Turner, *J. Stat. Phys.* 944 (2020)
- Casimir forces for the ideal Bose gas in anisotropic optical lattices: the effect of alternating sign upon varying dimensionality, Marek Napiórkowski and Pawel Jakubczyk, *J. Stat. Mech.* 083201 (2021)