

List of publications of MP1106 COST Action

1. Haffner B., Dunne F. F., Burke S.R., Hutzler S. *Ageing of fibre-laden aqueous foams*. Cellulose 24, (2017) 231–239.
2. Y. Katsir, Y. Tsori. *Recent advances in liquid mixtures in electric fields*. Journal of Physics: Condensed Matter 29, (2017) 063002.
3. M. C. Vlachou, J. S. Lioumbas, K. David, D. Chasapis, T. Karapantsios. *Effect of channel height and mass flux on highly subcooled horizontal flow boiling*. Exp. Thermal and Fluid Sci. 83, (2017) 157-168.
4. J. S. Lioumbas, M. Kostoglou, T. Karapantsios. *Thermal analysis of pre-boiling regime in frying experiments at several sample orientations and gravity levels*. Food and Bioproducts Processing 102, (2017) 350-361.
5. Deniz İzlen Çifçi, Süreyya Meric. *Manganese adsorption by iron impregnated pumice composite*. Colloids and Surfaces A: Physicochemical and Engineering Aspects 522, (2017), 279 – 286.
6. Betül Taşdelen, Deniz İzlen Çifçi, Süreyya Meric. *Preparation of N-isopropylacrylamide/itaconic acid/Pumice highlyswollen composite hydrogels to explore their removal capacity of methylene blue*. Colloids and Surfaces A: Physicochemical and Engineering Aspects 519, (2017), 245 – 253.
7. C. Wylock, A. Rednikov, P. Colinet and B. Haut. *Experimental and numerical analysis of buoyancy-induced instability during CO₂ absorption in NaHCO₃-Na₂CO₃ aqueous solutions*. Chem. Eng. Sci. 157, (2017) 232-246.
8. Champougny L., Rio E., Restagno F. Scheid B. *The break-up of free films pulled out of a pure liquid bath*. Journal of Fluid Mechanics 811, (2017) 499-524.
9. V. Nastasa, A. Staicu, M. L. Pascu. *Pendant Droplets. Microfluidic Approach*. Chapter 2 in Laser Optofluidics in Fighting Multiple Drug Resistance. Editor: M.L.Pascu. Bentham Science, (2017) 11-26 (in final publication stage).
10. J. Y. Won, V. Ulaganathan, A. Tleuova, T. Kairaliyeva, A. A. Sharipova, X.W. Hu, M. Karbaschi, G. Gochev, A. Javadi, M.T. Rahni, A. V. Makievski, J. Krägel, S. B. Aidarova, R. Miller. *Profile analysis tensiometry from studies of liquid interfacial dynamics*. Chapter 4 in Laser Optofluidics in Fighting Multiple Drug Resistance. Editor: M.L.Pascu. Bentham Science, (2017) 47- 80 (in final publication stage).
11. D. Izbassarov, M. Muradoglu. *Pendant droplets: overview of dynamics and applications*. Chapter 5 in Laser Optofluidics in Fighting Multiple Drug Resistance. Editor: M.L.Pascu. Bentham Science, (2017) 61- 115 (in final publication stage).
12. I. R. Andrei, M. Boni, M. L. Pascu. *Unresonant interaction of laser beams with pendant droplets*. Chapter 8 in Laser Optofluidics in Fighting Multiple Drug Resistance. Editor: M.L.Pascu. Bentham Science, (2017) 157-190 (in final publication stage).
13. M. L. Pascu, M. Boni, T. Tozar, A. Smarandache, A. Stoicu, I. R. Andrei. *Resonant interaction of laser beams with pendant droplets*. Chapter 9 in Laser Optofluidics in Fighting Multiple Drug Resistance, Bentham Science, (2017) 191-226 (in final publication stage).
14. Á. Simon, M. L. Pascu. *Interaction of medicines exposed to laser beams with fabrics of interest for biomedical applications*. Chapter 15 in Laser Optofluidics in Fighting Multiple Drug Resistance. Editor: M.L.Pascu. Bentham Science, (2017) 423-444 (in final publication stage).
15. M. Boni, I. R Andrei, A Staicu, V. Nastasa, M. L. Pascu. *Lasing by optically pumped pendant droplets*. Chapter 17 in Laser Optofluidics in Fighting Multiple Drug Resistance. Editor: M.L.Pascu. Bentham Science, (2017) 463-488 (in final publication stage).

16. R. Miller, E.V. Aksenenko, V.I. Kovalchuk, Y.I. Tarasevich, D.V. Trukhin and V.B. Fainerman. *Mixed Protein/Hexane Adsorption Layers Formed at the Surface of Protein Solution Drops Surrounded by Hexane Vapor*. *Advanced Material Interfaces* 4, (2017) 1600031.
17. J.Y. Won, G.G. Gochev, V. Ulaganathan, J. Krägel, E.V. Aksenenko, V.B. Fainerman, R. Miller. *Effect of Solution pH on the Adsorption of BLG at the Solution/Tetradecane Interface*. *Colloids Surfaces A: Physicochemical and Engineering Aspects* 519, (2017) 161–167.
18. L. Alexandrova, L. Grigorov, H. Petkova, K. Khristov. *Effect of pH on wetting behavior of "star like" block copolymer surfactant solution*. *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 519, (2017) 78–86.
19. Todorov R., Exerowa D., Alexandrova L., Platikanov D., Nedyalkov M., Bianco F., Razzetti R., Pelizzi N. *Thin liquid films from a new synthetic pulmonary surfactant containing SP-B and SP-C analogues*. *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 519, (2017) 20–26.
20. K. Kamburova, K. Mitarova, Ts. Radeva. *Polysaccharide-based nanocapsules for controlled release of indomethacin*. *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 519, (2017) 199–204.
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22. F. M. Goycoolea, V. Milkova. *Electrokinetic behavior of chitosan adsorbed on o/w nanoemulsion droplets*. *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 519, (2017) 205–211.
23. J. Zawala, A. Wiertel, A. Niecikowska, K. Malysa. *Influence of external vibrations on bubble coalescence time at water and oil surfaces - experiments and modelling*. *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 519, (2017) 137–145.
24. M. Boni, A. Staicu, I.R. Andrei, A. Smarandache, V. Nastasa, M. Comor, Z. Saponjic, M. L. Pascu. *Studies on laser induced emission of microdroplets containing Rhodamine 6G solutions in water doped with TiO₂ nanoparticles*. *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 519, (2017) 238–244.
25. A.H. Sheik, H.C.H. Bandulasena, V. Starov, A. Trybala. *Electroosmotic Flow Measurements in a Freely Suspended Liquid Film: Experiments and Numerical Simulations*. *Journal ELECTROPHORESIS*, (2017) (submitted).
26. J.Y. Won, G.G. Gochev, V. Ulaganathan, J. Krägel, E.V. Aksenenko, V.B. Fainerman, R. Miller. *Mixed Adsorption Mechanism for the Kinetics of BLG Interfacial Layer Formation at the Solution/Tetradecane Interface*. *Colloids Surfaces A: Physicochemical and Engineering Aspects* 519 (2017), 146–152.
27. S. P. Evgenidis, K. Kalic, M. Kostoglou, T. D. Karapantsios. Kerberos: *A three camera headed centrifugal/tilting device for studying wetting/dewetting under the influence of controlled body forces*. *Colloids and Surfaces A: Physicochemical and Engineering* 521, (2017) 38–48.
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32. O. Arjmandi-Tash, A. Trybala, F. M. Mahdi, N. Kovalchuk, V. Starov. *Foams built up by non-Newtonian polymeric solutions: Free drainage*. *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 521, (2017) 112–120.

33. G. Ahmed, V. V. Kalinin, O. Arjmandi-Tash, V. Starov. *Equilibrium of droplets on a deformable substrate: Influence of disjoining pressure*. Colloids and Surfaces A: Physicochemical and Engineering Aspects 521, (2017) 3–12.
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36. D. Platikanov, G. Gochev and R. Miller. *Chronicles of foam films*. Advances in Colloid and Interface Science 233, (2016) 115-125.
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