

CURRICULUM VITAE

PERSONAL DETAILS

Full Name Anna Myłyk
Date of Birth November 5th, 1982
Place of Birth Ełk, Poland
Citizenship Polish
Work Position PhD. Student
Work address Institute of Fundamental Technological Research
Polish Academy of Sciences (IPPT PAN)
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EDUCATION

from 2007 Ph. D. study at the Institute of Fundamental Technological Research, Polish Academy of Sciences, Warsaw, Poland
2007 Master of Science Degree in physics at the University of Białystok, Białystok, Poland

SCIENTIFIC INTERESTS

- Dynamics of multi-particle systems settling under gravity in a viscous fluid
- fluid mechanics, dispersed media, low-Reynolds number flows

PUBLICATIONS

- Anna Myłyk, Maria L. Ekiel-Jeżewska, "How walls influence destabilization of a suspension drop settling under gravity in a viscous fluid?", *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **365**, 109-111 (2010)
- Anna Myłyk, Walter Meile, Gunter Brenn and Maria L. Ekiel-Jeżewska, "Break-up of suspension drops sedimenting in a viscous fluid close to a wall", submitted to *Phys. Fluids* (2011), see <http://arxiv.org/abs/1102.5041>
- Anna Myłyk, Maria L. Ekiel-Jeżewska, "Reversibility of Stokes flow", *Postępy Fizyki*, **59**, 238 (2008) (in Polish)

CONFERENCE PRESENTATIONS

- Anna Myłyk, Maria L. Ekiel-Jeżewska, "Destabilization of particle clouds sedimenting in a viscous fluid", poster at the "3rd Warsaw School of Statistical Physics", Kazimierz Dolny, Poland, 27.06 - 4.07.2009.
- Anna Myłyk, Maria L. Ekiel-Jeżewska, "Break-up of suspension drops sedimenting in a viscous fluid close to a wall", poster at the conference "Bubble and Drop Interfaces", Thessaloniki, Greece, 23-25.09.2009.
- Anna Myłyk, Maria L. Ekiel-Jeżewska, "Clouds of particles falling under gravity close to a vertical wall", oral presentation, 19th Polish National Fluid Dynamics Conference, University of Technology in Poznan, Poland, 5.09-9.09.2010.