Analysing Lagrangian timescales in the Gulf of Finland
Viikmäe, Bert; Torsvik, Tomas The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 46 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Applications of the inverse problem of pollution propagation
Soomere, Tarmo Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control 2013 / p. 319-366 : ill

A comparison of the motions of surface drifters with offshore wind properties in the Gulf of Finland, the Baltic Sea
Delpeche-Ellmann, Nicole Camille; **Torsvik, Tomas**; **Soomere, Tarmo** Estuarine, coastal and shelf science 2016 / p. 154-164 : ill https://doi.org/10.1016/j.ecss.2016.02.009

Eulerian and Lagrangian submesoscale coherent structures on the sea surface driven by coastal upwelling: a case study for the Gulf of Finland
Väli, Germo; Zhurbas, Victor; **Laanemets, Jaan**; **Lips, Urmas** From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-10th October 2017, Estonian Academy of Sciences, Tallinn : Oral presentations 2017 / p. 43

Evaluation and tuning of model trajectories and spreading rates in the Baltic Sea using surface drifter observations
Kjellsson, Joakim; Döös, Kristofer; **Soomere, Tarmo** Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control 2013 / p. 251-281 : ill

High-resolution ice dynamics in the Gulf of Finland
Lilover, Madis-Jaak; **Kõuts, Tarmo**; Leppäranta, Matti The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 17 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Identification of areas of frequent patch formation from velocity fields
Giudici, Andrea; **Soomere, Tarmo** Journal of coastal research 2013 / p. 231-236 : ill

Investigating the marine protected areas most at risk of current-driven pollution in the Gulf of Finland, the Baltic Sea, using a Lagrangian transport model
Delpeche, Nicole; **Soomere, Tarmo** Marine pollution bulletin 2013 / p. 121-129 : ill

Lagrangian timescales in the gulf of Finland
Viikmäe, Bert; **Torsvik, Tomas** 9th International Workshop on Modeling the Ocean (IWMO) : July 3-6, 2017, Yonsei University (Seoul, Korea) : [abstracts] 2017 / p. 30 http://docs.wixstatic.com/ugd/c8ad40_d041d85a16674a4a83f0bfd22351cbf9.pdf

Lagrangian timescales in the gulf of Finland
Viikmäe, Bert; **Torsvik, Tomas** Geophysical research abstracts 2017 / p. EGU2017-3854
http://meetingorganizer.copernicus.org/EGU2017/EGU2017-3854.pdf

Modelling of a two-phase vortex-ring flow using an analytical solution for the carrier phase
Rybdylova, O.; Sazhin, S.S.; Osiptsov, A.N.; **Kaplanski, Felix**; Begg, S.; Heikal, M. Applied mathematics and computation 2018 / 11 p. : ill https://doi.org/10.1016/j.amc.2017.12.044 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On Lagrange formalism for Lie theory and operadic harmonic oscillator in low dimensions = Lagrange'i formalismist Lie teooriale ja harmooniline operaadostsillaator madalates dimensioonides
Virkepu, Jüri 2009 https://www.ester.ee/record=b2540604*est

Quantification of the impact of wind for optimising fairways in the Gulf of Finland
Viikmäe, Bert; **Soomere, Tarmo**; **Torsvik, Tomas** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 151 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Sensorless control of the three-dimensional crane using the Euler-Lagrange approach with a built-in state-space model
Aksjonov, Andrei; **Vodovozov, Valery**; **Petlenkov, Eduard** 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 255-258 : ill

SO(2) and Hamilton-Dirac mechanics
Burdik, Cestmir; **Paal, Eugen**; **Virkepu, Jüri** Journal of nonlinear mathematical physics 2006 / Supplement, August, p. 37-43 https://www.tandfonline.com/doi/abs/10.2991/jnmp.2006.13.s.5

Statistics of Lagrangian transport reveals hidden features of velocity fields
Soomere, Tarmo Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control 2013 / p. 283-318 : ill

Three-dimensional crane modelling and control using Euler-Lagrange state-space approach and anti-swing fuzzy logic
Aksjonov, Andrei; **Vodovozov, Valery**; **Petlenkov, Eduard** Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2015 / p. 5-13 : ill http://dx.doi.org/10.1515/ecce-2015-0006

Towards mitigation of enviromental risks
Soomere, Tarmo Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control 2013 / p. 1-27 : ill

Using Lagrangian models to assist in maritime management of Coastal and Marine Protected Areas
Delpeche, Nicole; **Soomere, Tarmo** Journal of coastal research 2013 / p. 36-41 : ill