

Publications

Group chasing tactics: how to catch a faster prey? – **M. Janosov**, Cs. Viragh, G. Vasarhelyi, T. Vicsek, New Journal of Physics (2017)

Grating coupled optical waveguide interferometry combined with in situ spectroscopic ellipsometry to monitor surface processes in aqueous solutions – E. Agocs, P. Kozma, J. Nador, A. Hamori, **M. Janosov**, B. Kalas, S. Kurunczi, B. Fodor, E. Ehrentreich-Forster, M. Fried, R. Horvath, P. Petrik
Submitted to Optics Express (2016)

Optical biosensing – P. Kozma, **M. Janosov**, P. Petrik
Magyar Tudomány, vol 10 (2015) (in Hungarian)

The modern tools of label-free biosensing – **M. Janosov** & P. Kozma
Fizikai Szemle, vol 9 (2014) (in Hungarian)

Comparative measurements on atomic layer deposited Al₂O₃ thin films using ex situ table top and mapping ellipsometry, as well as X-ray and VUV reflectometry – P. Petrik, T. Gumprecht, A. Nutsch, G. Roeder, M. Lemberger, G. Juhasz, O. Polgar, C. Major, P. Kozma, **M. Janosov**, B. Fodor, E. Agocs, M. Fried
Thin solid films 541 (2013), pp.131-135, ISSN: 0040-6090

Conferences, Schools, and Workshops

Summer School Series on Methods for Computational Social Science
Lighting talk, poster – **M. Janosov**, R. Sinatra, Sardinia, Italy,
23-29 July 2017

NetSci2017, Symposium of the Society of Young Network Scientists
Lighting talk – **M. Janosov**, R. Sinatra, Indianapolis, USA,
19-23 June 2017

SEMSTAT: Statistical Network Science Workshop
Success in the Film Industry (poster) – **M. Janosov**, R. Sinatra, Eindhoven, The Netherlands,
7-10 March 2017

Summer Solstice - 8th International Conference on Complex Systems
Realistic group chasing strategies (talk) – **M. Janosov**, Cs. Viragh, G. Vasarhelyi, T. Vicsek, Aveiro, Portugal,
20-22 June 2016

Robotics Science and Systems - Principles of Multi-Robot Systems Workshop
Chasing strategies of a flock of drones (poster) – **M. Janosov**, Cs. Viragh, G. Vasarhelyi, T. Vicsek, Rome, Italy,
13-17 July 2015

9th Workshop Ellipsometry
In-situ simultaneous monitoring of layer adsorption in aqueous solutions using grating coupled optical waveguide interferometry combined with spectroscopic ellipsometry (poster) – E. Agocs, P. Kozma, J. Nador, B. Kalas, A. Hamori, **M. Janosov**, S. Kurunczi, B. Fodor, M. Fried, R. Horvath, P. Petrik, Enschede, The Netherlands,

23-25 February 2015

I. European Vacuum Conference

Grating Coupled Optical Waveguide Interferometry Combined with In-situ Spectroscopic Ellipsometry to Monitor Surface Processes in Aqueous Solutions (poster) – E. Agocs, J. Nador, A. Hamori, **M. Janosov**, S. Kurunczi, P. Kozma, B. Fodor, M. Fried, P. Petrik, R. Horvath, Aveiro, Portugal, 8-12 September 2014

European Material Research Society (EMRS) Fall Meeting

Spectroscopic ellipsometry measurements on waveguiding chips (poster) – **M. Janosov**, P. Kozma, A. Hamori, S. Kurunczi, B. Fodor, R. Horvath, M. Fried, P. Petrik, Warsaw, Poland, 17-21 September 2012