Seznam publikací a vystoupení na konferencích

Seznam publikací

Kříž, P.; Š., J.: Pathwise least-squares estimator for linear SPDEs with additive fractional noise, *Electron. J. Statist.* 16(1), 1561 - 1594, 2022, https://doi.org/10.1214/22-EJS1990

Lux, J.; Dobiáš, R.; Kuklová, I.; Litvik, R.; Scholtz, V.; Soušková, H.; Khun, J.; Mrázek, J.; Kantorová, M.; Jaworská, P.; Prejdová, T.; Š., J.; Hamal, P.; Julák, J.: Inactivation of Dermatophytes Causing Onychomycosis and Its Therapy Using Non-Thermal Plasma, *J. Fungi*, 6(4), 214, 2020, https://doi.org/10.3390/jof6040214

Čoupek, P.; Maslowski, B.; Š.,J.: SPDEs with Volterra Noise, kapitola v knize Stochastic Partial Differential Equations and Related Fields, In Honor of Michael Röckner SPDERF, Bielefeld, Germany, October 10 - 14, 2016, 147 - 158, 2018

Maslowski, B.; Š., J.: Stochastic Affine Evolution Equations with Multiplicative Fractional Noise, *Appl. Math.*, 63(1), 7 - 35, 2018

Garrido–Atienza, M.; Maslowski, B.; Š.,J.: Semilinear stochastic equations with bilinear fractional noise, *Discrete Contin. Dyn. Syst. Ser. B*, 21(9), 3075 - 3094, 2016

One example of correspondence between deterministic and stochastic differential equations, *Proceedings of 4th Scientific Colloquium, In honor of Prof. A. Klíč and Prof. M. Kubíček, 24.-26.6.2014, ICT Prague*

Jednoznačnost rovnice geometrického Brownova pohybu, sborník semináře *Matematika na vysokých školách, Herbertov, 9.-11.9.2013*

Stochastic bilinear equations with fractional Gaussian noise in Hilbert space, *Acta Univ. Carolin. Math. Phys.*, 51(2), 49-68, 2010

On the limit behaviour of weak solutions to stochastic bilinear equations, *Proceedings of Contributed Papers, Part I, of the 19th Annual Conference of Doctoral Students, Prague, 1th-4th June, 2010*, 207-211, 2010

Weak solutions to stochastic differential equations driven by fractional Brownian motion, *Czech. Math. J.*, 59(4), 879-907, 2009

Stochastic Bilinear Equation with Fractional Brownian Motion with Hurst parameter $H < 1/2$ in Hilbert space, sborník konference *12th International Workshop for Young Mathematicians, Probability Theory and Statistic, 20.-26.9.2009, Krakow*

Stochastic Bilinear Equation with Fractional Brownian Motion with Hurst Parameter $H < 1/2$, *Proceedings of Contributed Papers, Part I, of the 18th Annual Conference of Doctoral Students, Prague, 2th-5th June, 2009*, 113-118, 2009

The equations of stochastic nonlinear oscillator driven by fractional Brownian motion, sborník konference *Current trends in Statistics in V6 region, 5.-6.9.2008, Praha*

Obhájené studentské práce

I. diplomová - Gaussovský šum a jeho aplikace

II. disertační - Stochastic evolution equations with multiplicative fractional noise

Vystoupení na konferencích a workshopech

Stochastic Analysis and Stochastic Partial Differential Equations, A celebration of Marta Sanz-Sole's Mathematical Legacy, 30.5.-3.6.2022, CRM, Barcelona, poster *Simulation study for the pathwise least-squares estimator for drift in linear SPDEs with additive fractional noise*

Stochastika 2021, 6.-11.2.2019, Kohútka, přednáška *Pathwise LSE for linear SPDEs with coloured noise*

Stochastika 2019, 3.-8.2.2019, Kohútka, přednáška *Semilinear evolution equations driven by multiplicative fractional Brownian motion – RDS approach*

Stochastic Analysis and Its Applications XIV, 5.1.2018, KPMS MFF UK, Praha, presentace *Semilinear equations with multiplicative fractional noise*

Bilbao summer school Probabilistic approaches in Mathematical Physics, Basque Center for Applied Mathematics, 17.-22.7.2017, Bilbao, příspěvek *Geometric fractional Brownian motion*

Stochastika 2017, 5.-10.2.2017, Kohútka, přednáška *Evolution equations with multiplicative fractional noise*

RTG Summer School, 21.-26.8.2016, MCDO Hejnice, přednáška *Stochastic differential equations with multiplicative fractional Brownian noise*

Matematika na vysokých školách, 9.-11.9.2013, Herbertov, presentace *Jednoznačnost rovnice geometrického Brownova pohybu*

Stochastika 2013, 28.1.-1.2.2013, Kohútka, presentace *Opravdový Chaos na Kohútce, aneb Jednoznačnost rovnice frakcionálního geometrického Brownova pohybu*

Stochlastická analýza a její aplikace VIII, 6.-7.1.2012, Praha, presentace *On the stochastic bilinear equation with non-linearity in a drift part where the driving process is a fractional Brownian motion*

Meeting on self-similarity and related fields, 6.-10.6.2011, Le Touquet-Paris-Plage, poster *Stochastic equations with fractional Brownian motion*

Stochastika 2011, 31.1.-4.2.2011, Kohútka, presentace *Stochastické bilineární rovnice s Wienerovým procesem*

Stochlastická analýza a její aplikace VII, 3.-4.1.2011 , Praha, presentace *Stochastic bilinear equations with fractional Gaussian noise in Hilbert space*

Week of doctoral students 2010, 2.-5.6.2010, Praha, presentace *Limit behaviour of weak solution to some type of bilinear equations with fractional Brownian motion*

Robust 2010, 31.1.-5.2.2010, Králíky, poster *Stochastická rovnice difúze s frakcionálním Brownovým pohybem*

Joint Mathematical Conference CSASC 2010, 22.-27.1.2010, Praha, presentace *Stochastic bilinear equations with fractional Gaussian noise with Hurst parameter* $H < 1/2$ *in Hilbert space*

Stochastická analýza a její aplikace VI, 4.-5.1.2010, Praha, presentace *Stochastic bilinear equations with fractional Brownian motion*

12th International Workshop for Young Mathematicians, Probability Theory and Statistic, 20. - 6.9.2009, Krakow, presentace *Stochastic bilinear equation with fractional Brownian motion with Hurst parameter* $H < 1/2$ *in Hilbert space*

Week of doctoral students 2009, 2.-5.6.2009, Praha, presentace *Stochastic equations with fractional Brownian motion with Hurst parameter* $H < 1/2$

Stochastika 2009, 2.-5.2.2009, Kohútka, presentace *Existence slabého řešení rovnice stochastického oscilátoru řízené frakcionálním Brownovým pohybem*

Stochastická analýza a její aplikace V, 2.-3.1.2009, Praha, presentace *Existence of a weak solution to stochastic differential equation driven by fractional Brownian motion*

Current trends in Statistics in V6 region, 5.-6.9.2008, Praha, presentace *The equation of stochastic nonlinear oscillator driven by fractional Brownian motion*