



The main research interests of Vilnius University associate professor / senior researcher **Dr Julius Vengelis** are laser physics and nonlinear optics: investigation of supercontinuum generation in various nonlinear media and development of femtosecond tunable frequency laser systems and their components and their characterization. He is the head of the Parametric phenomena laboratory at the Vilnius University Laser Research Center. In 2018, Dr Julius Vengelis defended his doctoral dissertation ‘Estimation of photonic crystal fiber dispersion and investigation of supercontinuum generation’. Dr Julius Vengelis has published 34 research papers (26 of which in the journals indexed in WoS Clarivate Analytics), he has also given invited talks at conferences and is the author/co-author of 32 international conference presentations. By actively participating in SPIE and Optica organisations and also being member of the Lindau Alumni Network and Lithuanian Physical Society, he has gained a lot of experience both in international expert activities and in professional networking. Dr Julius Vengelis is active in research projects and teaching activities: he gives lectures to Vilnius University students, is a member of the laser physics and optical technologies study programme committee at Vilnius University, and participates in various educational initiatives for the popularisation of science and studies in natural sciences. Dr Julius Vengelis has been awarded the Lithuanian Academy of Sciences Young Researcher grant, is also laureate of the Young Researcher and Doctoral Student Research competition, and also has been awarded grants for the three research projects he is leading.

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