

## Publications in 2009 assisted by PALS though the department members are not listed among the main authors

### Journals

- [1] T. Mocek, B. Rus, M. Kozlová, J. Polan, P. Homer, K. Jakubczak, M. Stupka, D. Snopek, J. Nejdl, M.H. Edwards, D.S. Whittaker, G.J. Tallents, P. Mistry, G.J. Pert, N. Booth, Z. Zhai, M. Fajardo, P. Zeitoun, J. Chalupský, V. Hájková, L. Juha: **Plasma-based X-ray laser at 21 nm for multidisciplinary applications**, European Physical Journal D 54 (2009) 439-444
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- [8] M. Ferus, I. Matulková, L. Juha, S. Civiš: **Investigation of laser-plasma chemistry in CO-N<sub>2</sub>-H<sub>2</sub>O mixtures using O<sup>18</sup> labeled water**, Chemical Physics Letters 472 (2009) 14-18
- [9] J. Cihelka, I. Matulková, K. Sovova, M. Kamas, P. Kubelík, M. Ferus, L. Juha, S. Civiš: **Optical Emission Spectroscopy of High-Power Laser-Induced Dielectric Breakdown in Molecular Gases and Their Mixtures: Investigating Early Stages of Plasma Chemical Action in Planetary Atmosphere**, Orig. Life Evol. Biosph. 39 (2009) 227 - 227
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- [D3] J. Cihelka, L. Juha, J. Chalupský, F. B. Rosmej and O. Renner and K. Saksl, V. Hájková, L. Vyšín, E. Galtier, R. Schott, A.R. Khorsand, D. Riley, T. Dzelzainis, A. Nelson, R.W. Lee, P. Heimann, B. Nagler, S. Vinko, J. Wark, T. Whitcher, S. Toleikis, T. Tschenetscher, R. Faustlin, H. Wabnitz, S. Bajt, H. Chapman, J. Krzywinski, R. Sobierajski, D. Klinger, M. Jurek, J. Pelka, S. Hau-Riege, R.A. London, J. Kuba, N. Stojanovic, K. Sokolowski-Tinten, A.J. Gleeson, M. Störmer, J. Andreasson, J. Hajdu, N. Timneanu: **Optical emission spectroscopy of various materials irradiated by soft x-ray free-electron laser**, Proc. of the Damage to VUV, EUV, and X-Ray Optics II, April 21-23, 2009, Prague, Czech Republic, SPIE, Vol. 7361 (2009), pp. 73610P (1-10) ISBN: 9780819476357
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