

The list of publications directly resulting from the project

1. ***Numerical Methods in Energy Transfer***, Editor: Prof. Dr.-Ing. A. Nowak, ITC, STU Gliwice, Polen; Prof. Dr.-Ing. R. Weber, IEVB, TU Clausthal, (International studies in science and engineering, 11). Clausthal-Zellerfeld: Papierflieger Verlag, 2009, ISBN 978-3-86948-049-7
2. ***Optimization using exergy-based methods and computational fluid dynamics***; Editor: Prof. Dr.-Ing. George Tsatsaronis; Dr. Alicia Boyano, TU Berlin, (International studies in science and engineering, 12). Clausthal-Zellerfeld: Papierflieger Verlag, 2009, ISBN 978-3-86948-050-3
3. ***Highly Skilful Specialists for the World Energy Market***, R. Weber on behalf of the Inspire consortium. In: Projects, British Publishers, Bristol UK, January 2010, ISSN: 2040-7335, pages 98-99
4. T. Kupka, M. Mancini, M. Irmer, R. Weber, Investigation of ash deposit formation during co-firing of coal with sewage sludge, saw dust and refuse derived fuel, 10th International Conference on Boiler Technology, 2006, Szczyrk, Poland
5. T. Kupka, K. Zajac, M. Mancini, R. Weber. A laboratory method supported by simple CDF analysis for the evaluation of ash deposit formation during co-firing of coal with biomass, bio-waste and waste materials. 15th IFRF Members Conference – Combustion in an Efficient and Environmentally Acceptable Manner. June 13-15, Pisa, Italy
6. Boundary Element Method employing cartesian hierarchical meshes, G. Węcel, R. Bialecki, M. Mancini, The Fifth International Symposium on RADIATIVE TRANSFER, Bodrum, Turkey, (2007)
7. Advances in Boundary Element Method used to predict radiative heat transfer in flames, G. Węcel, M. Mancini, R. Bialecki, R. Weber, XIII Sympozjum Wymiany Ciepła i Masy, Koszalin, (2007)
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10. T. Kupka, K. Zajac, R. Weber. Influence of Fuel Type and Deposition Surface Temperature on the Growth and Chemical and Physical Structure of Ash Deposit Sampled during Co-firing of Coal with Sewage Sludge and Saw Dust. 8th European Conference on Industrial Furnaces and Boilers, INFUB 2008, Vilamoura, Portugal, March 25th-28th, 2008
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12. T. Kupka, K. Zajac, R. Weber. Effect of Fuel Type and Deposition Surface Temperature on the Growth and Structure of Ash Deposit Collected during Co-firing of Coal with Sewage Sludge and Saw Dust. Kraftwerkstechnisches Kolloquium 2008, 14-15 November 2008. Dresden, Germany
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14. Kupka Tomasz, Zajac Krzysztof, Weber Roman, Effect of fuel type and deposition surface temperature on the growth and structure of an ash deposit collected during co-firing of coal with sewage sludge and sawdust, Energy & Fuels (2009), DOI: 10.1021/ef800976y



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