

IP related publications in 2009

- ALALI F. & YARAMANCI U. (2009). Dependence of SIP and NMR parameters on clay content and saturation degree. 69. Jahrestagung der Deutschen Geophysikalischen Gesellschaft, Kiel, Germany, 23 - 26 March 2009.
- ATTWA M., GÜNTHER T., GRINAT M. & BINOT F. (2009): Characterization of Holocene Near-surface Geology Using DC, SIP and FDEM Methods, Cuxhaven Area, Germany. Extended Abstract, 15th European Meeting of Environmental and Engineering Geophysics, Dublin, Ireland.
- BAIRLEIN K. (2009): Untersuchungen zur Genauigkeit der Spektralen Induzierten Polarisation (SIP). Bachelorarbeit, TU Braunschweig.
- BAIRLEIN K., HÖRDT A. & KENKEL J. (2009): Untersuchungen zur Genauigkeit der Spektralen Induzierten Polarisation. In: Tagungsband zum 23. Kolloquium Elektromagnetische Tiefenforschung (EMTF), 28.9.-2.10.2009, Großer Seddiner See bei Potsdam.
- BLASCHEK R. & HÖRDT A. (2009): Numerical modelling of the IP effect at the pore scale. Near Surface Geophysics, V. 7, Number 5-6, Special Issue on Hydrogeophysics – Methods and Processes, 579-588.
- CASSINI G., KEMNA A., VILLA A. & ZIMMERMANN E. (2009): Spectral induced polarization of free-phase hydrocarbon contamination of sediments with low clay content. Near Surface Geophysics, V. 7, Number 5-6, Special Issue on Hydrogeophysics – Methods and Processes, 547-562.
- CHEN J., KEMNA A. & HUBBARD S. S. (2009): A comparison between Gauss-Newton and Markov-chain Monte Carlo-based methods for inverting spectral induced-polarization data for Cole-Cole parameters. Geophysics, 73, no. 6, F247–F259. Geophysics, 74, no. 4, Y7-Y7.
- DECEUSTER J. & KAUFMANN O. (2009): Correlation between Inverted Chargeabilities and Organic Compounds Concentrations in Soils – A Field Experiment. Extended Abstract, 15th European Meeting of Environmental and Engineering Geophysics, Dublin, Ireland.
- FIELITZ D., KEMNA A., ZIMMERMANN E., CASSIANI G. & VEREECKEN H. (2009): Model Response Curves and Surveying Aspects of 2D Cross-Hole MMR. Symposium on the Application of Geophysics to Engineering and Environmental Problems, 22, no. 1, 801-808.
- FLORES-OROZCO A., WILLIAMS H. K. & KEMNA A. (2009): Monitoring redox processes in a stimulated bioremediation experiment with SIP. 69. Jahrestagung der Deutschen Geophysikalischen Gesellschaft, Kiel, Germany, 23 - 26 March 2009.
- HALLBAUER-ZADOROZHNYAYA V. Y. (2009): Looking Inside Pores: Polarization by Constrictivity of Pores. Symposium on the Application of Geophysics to Engineering and Environmental Problems, 22, no. 1, 198-206.
- HALLBAUER-ZADOROZHNYAYA V.Y. AND STETTLER E. (2009): Time Domain Electromagnetic Soundings to Delineate Hydrocarbon Contamination of Ground Water. Symposium on the Application of Geophysics to Engineering and Environmental Problems, 22, no. 1, 242-251.
- HÖRDT A., DRUIVENTAK A., BLASCHEK R., BINOT F., KEMNA A., KREYE P. & ZISSER N (2009): Case histories of hydraulic conductivities estimation with induced polarization at the field scale. Near Surface Geophysics, V. 7, Number 5-6, Special Issue on Hydrogeophysics – Methods and Processes, p529-545.
- JEFFRIES S. N., THOMPSON K., JACKSON K. G., MOSLEY K., WALTMAN B., ASOBA R., DAILEY M. K. M., ATEKWANA E. & ATEKWANA E. (2009): Geophysical Investigation of Oil Brine Contamination: Providing Hands-On Geophysical Experience for Students. Symposium on the Application of Geophysics to Engineering and Environmental Problems, 22, no. 1, 702-711.
- KOCH K., IRVING J., HOLLIGER K. & KEMNA A. (2009): Controlled changes in grain size and pore characteristics and their impact on the hydraulic conductivity and spectral induced polarization response of proxies of alluvial sediments. In: SEG Expanded Abstracts 28, ed. by Soc. Expl. Geophys., pp. 1365-1369.

- LA BRECQUE D. & ADKINS P. L. (2009): Strategies for Collecting Accurate IP Data with Multi-Conductor Cable, Multi-Channel Systems. Symposium on the Application of Geophysics to Engineering and Environmental Problems, 22 , no. 1, 809-814.
- LEGAZ A., CHRISTIANSEN A.V., AUKEN E. & VIEZZOLI A. (2009): Evaluation of Landfill Disposal Boundary by Means of Induced Polarization and Electrical Resistivity Imaging. Extended Abstract, 15th European Meeting of Environmental and Engineering Geophysics, Dublin, Ireland.
- LINER CH. (2009): GEOPHYSICS BRIGHT SPOTS. The Leading Edge, 28 , no. 4, 412-412.
- MARTIN T. (2009): Anwendung des komplexen elektrischen Widerstandsverfahrens an Eichen (Quercus spp.). Dissertation, TU Clausthal.
- MARTIN T. (2009): Komplexe elektrische Widerstandstomographie an Bäumen. 69. Jahrestagung der Deutschen Geophysikalischen Gesellschaft, Kiel, Germany, 23 - 26 March 2009.
- MILDE S. (2009): Laboruntersuchungen zum Ursprung der Spektralen Induzierten Polarisation an gesättigten Sandsteinen und Lockersedimenten. Diplomarbeit, TU Braunschweig.
- MILDE ST. & HÖRDT A. (2009): Labormessungen an Sandsteinen zum Ursprung der Membranpolarisation. 69. Jahrestagung der Deutschen Geophysikalischen Gesellschaft, Kiel, Germany, 23 - 26 March 2009.
- NORDSIEK S. & WELLER A. (2009): Anwendung der Debye Zerlegung auf IP-Spektren von Sandsteinen. 69. Jahrestagung der Deutschen Geophysikalischen Gesellschaft, Kiel, Germany, 23 - 26 March 2009.
- NTARLAGIANNIS D. & FERGUSON A. (2009): SIP response of artificial biofilms. Geophysics, 74 , no. 1, A1-A5.
- VEEKEN P.C.H., LEGEYDO P.J., DAVIDENKO Y.A., KUDRYAVCEVA E. O., IVANOV S. A. & CHUVAEV A. (2009): Benefits of the induced polarization geoelectric method to hydrocarbon exploration. Geophysics, 74 , no. 2, B47-B59.
- VOLKMANN J. M. (2009): Modellierung von SIP-Messungen auf der Porenskala. Diplomarbeit, RWTH Aachen.
- VOLKMANN J., KLITZSCH N., MOHNKE O. & BLASCHEK R. (2009): Microscale Modelling of the Frequency Dependent Resistivity of Porous Media. 69. Jahrestagung der Deutschen Geophysikalischen Gesellschaft, Kiel, Germany, 23 - 26 March 2009.
- WIENS E. (2009): NMR- und SIP Eigenschaften von teilgesättigten Gesteinen. Diplomarbeit, RWTH Aachen.
- WINCHEN T., KEMNA A., VERECKEN H. & HUISMAN J.A. (2009): Characterization of bimodal facies distributions using effective anisotropic complex resistivity: A 2D numerical study based on Cole-Cole models. Geophysics, 74 , no. 3, A19-A22.
- WYNN J. & ROBERTS W. (2009): The Application of Induced Polarization Techniques to Detect Metal-Bearing Offshore Anthropogenic Waste and Unexploded Ordnance. Symposium on the Application of Geophysics to Engineering and Environmental Problems, 22 , no. 1, 1104-1113.
- ZISSER N. & NOVER G. (2009): Beziehung zwischen SIP-Spektren und Permeabilität in dichten Sandsteinen bei besonderer Betrachtung der Anisotropie. 69. Jahrestagung der Deutschen Geophysikalischen Gesellschaft, Kiel, Germany, 23 - 26 March 2009.