

题 目: Advanced Electromagnetics

报告人: Dr. Kurt-M. Strack 美国 KMS 公司总裁

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地 点: 石油科技大楼 D318

主持人: 胡文宝 教授

报告人简介

Kurt Strack is President of KMS Technologies- KJT Enterprises Inc. specializing land, marine and borehole electromagnetics with emphasis on land array systems and novel marine seismic/EM systems.. Kurt also serves as Adjunct Professor at the University of Houston, He also serves sometimes as Adjunct Prof. at Mahidol University Bangkok and Yangtze University in China. Before starting KJT Enterprises, Kurt served as Chief Scientist for Baker Atlas in Houston. Kurt pioneered LOTEM development and several advanced borehole research ideas in Germany, Australia and the USA. Kurt received a Ph.D. from the University of Cologne, Germany and a M.Sc. from Colorado School of Mines. He worked over the past 30 years as a geophysical consultant and as university researcher and teacher as R & D manager in the geothermal and oil industry.

Kurt has published over 100 publications, 1 textbook and authors/co-authors over 10 patents. He also received a Fulbright scholarship and numerous international grants/awards throughout his career. His main interest is integrated geophysics, inversion, and technology transfer and project development. He is a member of SPWLA, AAPG, ASEG, DGG, BDG, SPE, SEG and EAGE. He was 1998-1999 SPE distinguished lecturer on Through Casing Resistivity. Apart from chairing many workshops at International Conventions he was co-chairman of 3 SEG Summer research workshops on: Integration of Seismic Data with Well Logs (1995), NMR Imaging of Reservoir Attributes (1998), Effective Technology

Transfer of Model-based Geo-Inversion Techniques (1999), and Geopressure (2002) . He was also co-chairman of the SPWLA topical conference on Borehole Anisotropy (April 2000) and Guest Editor of the special issues of Petrophysics on Borehole Anisotropy. Kurt has taught courses and mentored many students and professionals at many universities and many companies in the international oil industry.

Kurt received the Distinguished Technical Achievement Award (2003) from the SPWLA for his contribution to innovative logging tool technology. The SEG granted him the Reginald Fessenden Award for his instrumental role in the development of through casing resistivity and 3D induction. The Russian Academy of Science elected him a Foreign Member and gave him the Kapitsa Gold Medal of Honor in recognition for his innovative contribution to borehole geophysics and pioneering work to surface geophysics.

He has been part of the receiving team of the Cecil H. Green Enterprise Award for KMS Technologies at the SEG meeting in Las Vegas 2012.

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