



Werner Mohr

Abstract:

Third generation mobile radio systems are currently being deployed in different regions of the world. Future systems beyond the third generation are already under discussion in international bodies and forums such as ITU, WWRF and R&D programs in China (863), of the European Union and in other regions. These systems will determine the research and standardization activities in mobile and wireless communication in the next years. Based on the experience of the third generation future systems will be developed mainly from the user perspective with respect to potential services and applications including traffic demands. Therefore, the Wireless World Research Forum (WWRF) was launched in 2001 as a global and open initiative of manufacturers, network operators, SMEs, R&D centers and the academic domain. WWRF is focused on the vision of such systems - the Wireless World - and potential key technologies. This presentation describes the major trends of the Wireless World, the goals, objectives and structure of WWRF, the WWRF vision and approach from the user perspective towards the key technologies.

Keywords:

Systems beyond 3G, Wireless World, user perspective, enabling technologies, international bodies

Biography:

Werner Mohr was graduated from the University of Hannover, Germany, with the Master Degree in electrical engineering in 1981 and with the Ph.D. degree in 1987. From 1987 - 1990 he has been senior engineer at the Institute of High-Frequency Technology at the University of Hannover.

Dr. Werner Mohr is with Siemens AG, Mobile Network Division in Munich, Germany since 1991. He has been responsible for propagation measurements and channel modeling and he has been involved in the European RACE-II Project ATDMA. From 1995 to 1996 he has been active in ETSI SMG5 for standardization of UMTS. Since December 1996 he was project manager of the ACTS FRAMES Project up the project finished in August 1999. Werner Mohr was Director of Strategic Pre-Development up to September 1998 and since October 1, 1998 he is Vice-President Pre-Engineering in the infrastructure division of Siemens ICM. He is responsible for cross-functional research activities. Currently, he is involved in the 5th framework program of the European Commission. Werner Mohr is chair of the "Wireless World Research Forum - WWRF". He is member of VDE and Senior Member of IEEE. 1990 he received the Award of the ITG in VDE.

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