

Dr Joachim Pelka is the Managing Director of the business office for the Fraunhofer Group for Microelectronics VμE. He studied electrical engineering, with an emphasis on semiconductor technology, at Berlin's Technical University and was awarded a doctorate there for his work on semiconductor components. He has been with the Fraunhofer-Gesellschaft since 1983.

Today, following many years in the organization, Dr Pelka is the Managing Director of the Fraunhofer Group for Microelectronics. His previous position was as the Fraunhofer ISIT's department head responsible for the simulation of semiconductor patterning processes. He also spent two years in the JESSI coordination office (also located at the ISIT). As managing director of the Group he is responsible for strategic planning and for the coordination of work in the microelectronic institutes of the Fraunhofer-Gesellschaft.

Under his leadership the central office has worked on research into displays, semiconductor components, the use of polymers in electronics, man-machine interfaces, food chain management, and security issues. Since the beginning of 2001 he has been organizing the "MST-Kamingespräche (fire-side chats)" – a series of workshops on behalf of the bodies responsible for microsystems engineering projects VDI/VDE IT. Well-known scientific names meet in the workshops to discuss and develop a new vision for research in microelectronics/ microsystems engineering.

Today the main emphasis of his work lies on the European integration process in research and development. He coordinates the activities of Fraunhofer within the European Heterogeneous Technology Alliance and is engaged in activities like PRINS (Pan-European Research Infrastructure for Nano Structures) and EIT (European Institute of Innovation and Technology).

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