



SECOND INTERNATIONAL NANOTECHNOLOGY CONFERENCE ON COMMUNICATIONS AND COOPERATION

Speaker's Biography

Alfred J. (Fred) Van Roosmalen, Technology Partnerships of Philips Semiconductors



Dr. Fred van Roosmalen is director technology partnerships of Philips Semiconductors. In this position, he leads the definition of the division's industrial strategy and associated technology R&D programs, and the installation of external partnerships leveraging these programs. This includes worldwide collaboration with public authorities and public initiatives, research institutes and universities. He is a member of the MEDEA+ board support group, the ENIAC board support group, and the European advisory group on human resources and mobility. Previously, he was a member of the IMEC scientific advisory board, and chair of the SEMATECH executive steering council and the European ITRS committee.

Fred graduated from the Technical University Eindhoven with a M.Sc. in Chemical Technology and received his Ph.D. from the University of Amsterdam. He joined Philips Research in 1980, focusing on high-frequency plasma physics and silicon thin-film technologies. From 1987 to 1994 he worked for Philips Components holding a variety of management positions in establishing the company's active-matrix LCD manufacturing competence in a joint project with Philips Consumer Electronics and Philips Research. In 1994 he moved to Philips Semiconductors as a director of innovation and engineering in the discrete business prior to accepting his current assignment at the Eindhoven headquarters office in 1999. He has authored more than 100 publications and speeches.