Das Institut für Mess- und Regelungstechnik der Universität Karlsruhe (TH) möchte Sie herzlich zu folgendem Vortrag einladen:

"On the development of Integrated Cognitive Systems"
Prof. Gordon Cheng (CoTeSys Professor)
Technical University Munich

“The abilities of any cognitive systems impinge significantly on the integration of great number of intricate components, which predominately ascertain its abilities in dealing with the world. In this talk, I shall present a number of integrated cognitive systems, namely humanoid robotic systems, which have been core of my research focuses over a number of years. Their abilities to precept, acts, learn and adapt to the world at large will be elucidated. If time permits, I shall extend my talk to include one recent work on interfacing cognitive systems.”

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Gordon Cheng is CoTeSys Professor (DFGCluster of Excellence “Cognition for Technical Systems – CoTeSys”) Technical University Munich (TUM), Munich, Germany. Dr. Cheng received the Bachelor’s and Master’s degrees in computer science from the University of Wollongong, Wollongong, N.S.W., Australia, and the Ph.D. degree in systems engineering from the Department of Systems Engineering, Australian National University, Acton, A.C.T., Australia. He held fellowships from the Center of Excellence (COE), Science, and Technology Agency (STA) of Japan at the Humanoid Interaction Laboratory, Intelligent Systems Division, ElectroTechnical Laboratory (ETL), Japan, where he developed a completely integrated humanoid robotics system. He has also been a consultant and a National Systems Manager for a major transport company. He was the Managing Director of G.T.I. Computing, Australia, where he was engaged in networking/ transport management systems. He was formerly the Head of the Department of Humanoid Robotics and Computational Neuroscience, Computational Neuroscience Laboratories, Advanced Telecommunications Research Institute International (ATR), Kyoto, Japan. He was the Group Leader for Japan Science and Technology Agency (JST), International Cooperative Research Project (ICORP), Computational Brain Project, Saitama, Japan. He has also been designated as a Research Expert for National Institute of Information and Communications Technology (NICT) of Japan.

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Ort: Universität Karlsruhe (TH), Engler-Bunte-Ring 21, 76131 Karlsruhe, Geb. 40.32, im Rudolf-Planck HS, EG
Rudolf-Planck-Hörsaal auf dem interaktiven Campusplan
Zeit: 13:00-14:00 Uhr

gez. Prof. Dr.-Ing. Christoph Stiller