ist

Peter Sagirow Distinguished Seminar Series

Prof. Jan C. Willems

Department of Electrical Engineering
Katholieke Universiteit Leuven
Leuven, Belgium

Open Dynamical Systems and Their Origins

Abstract

Several historical lines ot thinking will be discussed and put into perspective, and an overview over some current developments is given. The talk is intended for a general audience of students and researchers in engineering, mathematics, and the natural sciences. A more detailed abstract can be found on

http://www.ist.uni-stuttgart.de/news/seminars/dss/general.shtml.

About the Speaker

Prof. Jan C. Willems studied engineering at the University of Ghent. After graduation in 1963, he worked towards a PhD degree in electrical engineering at the Massachusetts Institute of Technology that he obtained in 1968. He was an assistant professor there from 1968 to 1973. In 1973, he was appointed Professor of Systems and Control in the Mathematics department of the University of Groningen. He became emeritus in 2003. Since 2003, he has been a Guest Professor at the department of electrical engineering of the Katholieke Universiteit Leuven in Belgium.

Prof. Willems has been one of the greatest contributors to the field of automatic control over the past 40 years. Early in his career he made seminal contributions to the study of dissipativity that still form the basics for many modern developments. He introduced the highly fruitful concept of „almost invariance" in geometric control theory, and he is the father of the behavioral approach to systems and control. Prof. Willems received may awards and honors, including the IEEE Control System Award, he is founding editor of the Systems and Control Letters, and is a highly influential teacher as well as a gifted educator. Many of the famous control professors of today obtained their PhD under the supervision of Jan C. Willems. More details are given on

http://homes.esat.kuleuven.be/~jwillems/webpage.html

Universität Stuttgart
Wednesday, 29 November 2006, 4 p.m.
V 38.04, Universitätsstraße 38, Campus Stuttgart-Vaihingen