

PHYSIKALISCHES KOLLOQUIUM
EINLADUNG

6.12.2010/Wh

Am Montag, dem 13.12.2010, 16.15 Uhr in W2-1-148

spricht

Prof. Dr. Steven van de Par
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über

“Acoustical information processing - basic research and applications”

Antrittsvorlesung

Abstract

The importance of research in acoustics is to a great deal owed to the existence of the sophisticated human auditory function. For many topics that are studied in acoustics the quality of the innovations that are made is ultimately determined by the acoustical perception that is created in the human listener. The close link between acoustical phenomena and their technological application at the one hand, and auditory perception on the other hand defines the main research interest of the acoustics group. In this lecture, a partly personal glance will be thrown on past, present and future research in acoustic information processing. The future research focus of the acoustics group will be presented with its key aspects around auditory perception, machine hearing, sound reproduction, and sound quality in automobiles and aircraft.

Einladender: Der Direktor