



Switzerland

Institute of Electrical and Electronics Engineers

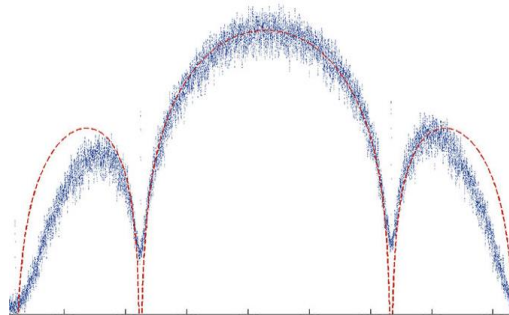


SCHWEIZERISCHE VEREINIGUNG FÜR
FLUGWISSENSCHAFTEN
ASSOCIATION SUISSE DES SCIENCES AERONAUTIQUES

Invitation to an AES-CH Joint Lecture on

GPS and SBAS Modernized Signals Applicable to Aviation

Dr. A.J. Van Dierendonck
AJ Systems, Los Altos, CA
Fellow of the IEEE and ION



Date: Friday, 14th Nov 2014

Time: 16:15 – 17:15

Location: ETH Zürich, Maschinenlabor Room ML E 12

I have the pleasure to inform you that the IEEE - CH Aerospace & Electronic Systems succeeded in arranging an exceptional joint lecture in Zurich of Dr. Van Dierendonck.

Dr. Van Dierendonck is internationally recognized and renowned for preeminent contributions to the Global Positioning Systems (GPS) for the past 40 years. His activities span many aspects of satellite navigation. He is in particular involved in GPS receivers, the new GPS L5 signal and the satellite based augmentation systems (SBAS). His input to aircraft navigation includes methods to enhance accuracy and integrity of GPS through broadcast signals from geostationary satellites.

Dr. Van Dierendonck will give a general introduction to satellite navigation relating codes and signal structures. Moreover detrimental effects on navigation signals will be explained and possible mitigation measures indicated be they in satellite receiver architecture or augmentation systems.

We look forward to your participation. Guests are welcome.

Heinz Wipf, Chair AES
IEEE Switzerland

Prof. Bertrand Merminod
Präsident ION-CH

Dr. Jürg Wildi,
Präsident SVFW



ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Zentrum

Institut für Kartographie der ETH Zürich, 2010
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