



## Announcement

May 13-15, 2009

Best Western Bellevue Rheinhofel, Boppard am Rhein,  
Germany

### 2<sup>nd</sup> International Workshop on Advances in Communications

on the occasion of the 60<sup>th</sup> birthday of Professor Han Vinck

The Digital Communication Group (Prof. Han Vinck) organizes a workshop on Advances in Communications. You are invited to explain your results during this meeting. We expect an active interaction between speakers and participants of the workshop during this informal event. The workshop will start on May 13 with a get together in the evening.

**Contributions:** Please send an abstract or summary of your presentation as soon as possible by eMail to: Birgit Rieth, eMail: [rieth@iem.uni-due.de](mailto:rieth@iem.uni-due.de)

**Workshop Venue:** The workshop will take place at the Best Western Bellevue Rheinhofel, Rheinallee 41, 56154 Boppard

**Hotel reservation:** Participants are requested to make their own hotel reservations as early as possible at the hotel "Best Western Bellevue Rheinhofel Boppard" under the keyword "Workshop Prof. Vinck", Tel: +49-6742-1020; Fax: +49-6742-102602; email: [info@bellevue-boppard.de](mailto:info@bellevue-boppard.de) web: [www.bellevue-boppard.de](http://www.bellevue-boppard.de)

**Participation fee and registration:** Participation fee will be around 200-300 Euro. Including book of abstracts, get-together, lunch, dinner and coffee breaks. You have to pay the fee in cash in Boppard at the get-together. Please send your registration formless by email to Birgit Rieth: [rieth@iem.uni-due.de](mailto:rieth@iem.uni-due.de)

Please have a look on the technical program next page.

# Preliminary Program

## May 13-15, Boppard, Germany 2<sup>nd</sup> International Workshop on Advances in Communication

### Wednesday, May 13:

18.00 Get-together at the Wintergarden, Best Western  
Bellevue Rheinhotel

### Thursday, May 14:

09.30 Opening by Han Vinck

09.35 - 10.00 Peter Gober  
*Low-Density Coding for the Uncoordinated Multiple-  
Access OR Channel*

10.00 - 10.30 Hiroyoshi Morita  
*On Decoding Error Probability of Coded QAM Using Double  
( $\pm 1$ )-Error Correcting Integer Codes*

10.30 - 11.00 Tea and coffee break

11.00 - 11.30 Anil Mengi  
*Coded Modulation for Bandwidth limited Transmission*

11.30 - 12.00 John B. Anderson  
*Should Codes Modulation be Based on NYQUIST Pulses?*

12.00 - 12.30 Hendrik Ferreira  
*Permutation Trellis Codes*

12.30 - 14.30 Lunch

14.30 - 15.00 Amos Lapidoth  
*The Power Spectral Density of Quadrature Amplitude  
Modulation Done Right*

15.00 - 15.30 Martin Vinck  
*Phase Coding in the Nervous System*

15.30 - 16.00 Kees A. Schouhamer Immink  
*How to Efficiently Remove Unwanted Characters*

16.00 - 16.30 Tea and coffee break

16.30 - 17.00	Vijay K. Bhargava <i>What is So Special About Primes of the Form...</i>
17.00 - 17.30	Peter de With <i>Free-Viewpoint Rendering Algorithm for 3D TV</i>
19.00	Reception
19.30	Banquet, Best Western Bellevue Rheinhof, Room „Le Chopin“

### **Friday, May 15:**

09.30 - 10.00	Julia Chen Yanling <i>A lower bound on the optimum distance profiles of the second order Reed-Muller Codes</i>
10.00 - 10.30	Toshiaki Imoto <i>Analysis of Information Transmission with Parallel Pilot Signal for Multipath Estimation Based on Kronecker Product with DFT</i>
10.30 - 11.00	Tea and coffee break
11.00 - 11.30	Vladimir Balakirskiy <i>On the Bias in Entropy Estimation of Spike Trains</i>
11.30 - 12.00	Han Vinck <i>Introduction to Coding Applications in Biometrics</i>
12.30	Lunch
15.15	End of Workshop with wine tasting at the “Söller of the old castle”