

# DIGITAL COMMUNICATIONS GROUP

## COURSES

- Cryptography
- Coding techniques
- Information theory
- Digital systems

## RESEARCH

- Digital communications
- Coding techniques

## APPLICATIONS

- Power-line communications
- Biometrics
- Digital communications

Prof. Han Vinck and his team are involved in fundamental research in digital communications and data security. The areas of interest include communication theory, multi-user communications, coding techniques, data security, cryptography and the use of biometrics in authentication processes.

Results of actual research are used in the areas of power-line communications, communication - and secure biometric systems.

Prof. Vinck is an IEEE Fellow since 2004. Results of research are used in the areas of digital communication, biometrics, cryptography and data security.

address changed:

University of Duisburg-Essen,  
Institute of Digital Signal Processing  
Bismarckstrasse 81, BC505, 47057 Duisburg

Tel: +49-203-379-1803;

Email: [han.vinck@uni-due.de](mailto:han.vinck@uni-due.de);

Web: [www.uni-due.de/dc](http://www.uni-due.de/dc)

Digital Signal Processing group secretary: Sabine Jankowski

Email: [sabine.jankowski@uni-due.de](mailto:sabine.jankowski@uni-due.de)

Tel.: +49 (0)203 379 3287;

Fax: +49 (0)203 379 3498

## CONTACT

University of Duisburg Essen  
Institute of Digital Communications

Ellernstraße 29  
45326 Essen

☎ +49(201) 183-76 49

🌐 [www.exp-math.uni-essen.de/mmdd1](http://www.exp-math.uni-essen.de/mmdd1)

Prof. Dr. ir. A. J. Han Vinck

Room ES 101

@ [vinck@iem.uni-due.de](mailto:vinck@iem.uni-due.de)

