

INTERNATIONAL FRANCOU CHAIR 2017 – 2018: MULTIMODAL DATA ANALYTICS IN THE AGE OF BIG DATA



INAUGURAL LECTURE REMEMBERING SHANNON

Prof. Dr. Robert Calderbank

Promoters: Prof. Dr. Nikos Deligiannis (VUB)
& Prof. Dr. Jan Cornelis (VUB)

WHEN:

Thursday January 18 at 16:00

WHERE:

Room Félicien - Cattier Egmontstraat 11 - 1000 Brussels

The lecture will be followed by a reception



Prof. Calderbank is professor of Electrical Engineering at Duke University where he now directs the Information Initiative at Duke (iiD) after serving as Dean of Natural Sciences (2010-2013). Dr. Calderbank was previously Professor of Electrical Engineering and Mathematics at Princeton University where he directed the Program in Applied and Computational Mathematics. Prior to joining Princeton in 2004, he was Vice President for Research at AT&T, responsible for directing the first industrial research lab in the world where the primary focus is data at scale. Prof. Calderbank served as Editor in Chief of the IEEE TRANSACTIONS ON INFORMATION THEORY from 1995 to 1998, and as Associate Editor for Coding Techniques from 1986 to 1989. He was a member of the Board of Governors of the IEEE Information Theory Society from 1991 to 1996 and from 2006 to 2008. Dr. Calderbank was honored by the IEEE Information Theory Prize Paper Award in 1995 for his work on the Z4 linearity of Kerdock and Preparata Codes (jointly with A.R. Hammons Jr., P.V. Kumar, N.J.A. Sloane, and P. Sole), and again in 1999 for the invention of space-time codes (jointly with V. Tarokh and N. Seshadri). He has received the 2006 IEEE Donald G. Fink Prize Paper Award, the IEEE Millennium Medal, the 2013 IEEE Richard W. Hamming Medal, the 2015 Shannon Award, and he was elected to the US National Academy of Engineering in 2005.

LECTURE PROGRAM

Thursday, 18 January, 2018 - 16:00

Room Félicien Cattier

Egmontstraat 11 - 1000 Brussels

Inaugural lecture title: Remembering Shannon

Thursday, 15 February, 2018 - 16:00

VUB, Brussels Humanities, Sciences & Engineering campus, U-Residence

Title: Recent Developments in Quantum Computing

Thursday, 1 March, 2018 - 16:00

Complex Plateau

UGentJozef Plateaustraat 22 - Gent

Title: Enhancing Resolution in Undersampled Physical Imaging

Thursday, 22 March, 2018 - 16:30

BARB93 auditorium, Sainte-Barbe Building

Louvain-la-Neuve

Title: Golay, Heisenberg and Weyl

Friday, 27 April, 2018 - 16:00

Aula van de Tweede Hoofdwet

Thermotechnisch Instituut Kasteelpark Arenberg

Title: 5G Wireless

Thursday, 3 May, 2018 - 16:00

VUB, Brussels Humanities, Sciences & Engineering campus, U-Residence

Title: Coding Theory and Computer Architecture

Friday, 18 May, 2018 - One day workshop

VUB, Brussels Humanities, Sciences & Engineering campus, U-Residence

Title: Data+

REGISTRATION TO EACH

INDIVIDUAL LECTURE VIA:

VUB.BE/EN/FRANCQUI2017-2018