

# Benelux Shannon Centenary Symposium

The IEEE Benelux Chapter on Information Theory and the Werkgemeenschap voor Informatie- en Communicatietheorie invite you to participate in a Symposium celebrating Shannon's 100th birthday. The symposium features five invited lectures zooming in on innovations inspired by Shannon's ideas with connections to the Benelux. The lectures are focussing on a broad audience, especially on students.

Date **April 13, 2016**

Venue Zwarte Doos, TU Eindhoven

Website [www.itsoc.org/people/chapters/benelux-chapter](http://www.itsoc.org/people/chapters/benelux-chapter)

Registration Participation is free of charge, but registration through the symposium website is required

## Program

12:30 Welcome and coffee

13:00 Opening

13:10 **Shannon, Beethoven and the Compact Disc**  
Kees Immink

13:50 **Wi-Fi: Is the sky the limit?**  
Wolter Lemstra

14:30 Coffee break

14:45 **Bluetooth Inside**  
Jaap Haartsen

15:25 Coffee break

15:40 **Shannon for Digital Video**  
Jan van der Meer

16:20 **Efficient block ciphers by the use of error-correcting codes: AES**  
Joan Daemen and Vincent Rijmen

17:00 Drinks



The Shannon Centenary, 2016, marks the life and influence of Claude Shannon on the hundredth anniversary of his birth on 30 April 1916. Shannon is best known for developing the mathematical foundations of communication (establishing the field of information theory), data compression, digital computers, cryptography, circuit complexity, and flow networks, as well as laying foundations of artificial intelligence.