

# Coming Events

»Colloquium«

## The Legacy of Claude Shannon

[dp-pmi.org/The-Legacy-of-Claude-Shannon](http://dp-pmi.org/The-Legacy-of-Claude-Shannon)

Tuesday • 13 December 2016, at 16:00  
Salão Nobre, Instituto Superior Técnico  
ULisboa, Portugal

### Programme

- 16:00** Evoking Claude Shannon  
José Francisco Rodrigues & Amílcar Sernadas
- 16:15** The Shannon Machine  
Daniel Graça
- 16:30** Shannon and Digital Circuits  
Arlindo Oliveira
- 16:45** Telecommunications before and after Shannon  
Carlos Salema
- 17:00** Mathematics of Secrets and Quantum Cryptography  
Yasser Omar
- 17:15** Applications of Information Theory in Science and in Engineering  
Mário Figueiredo
- 17:30** Closure of the session

### Organizers

Amílcar Sernadas (CMAF-CIO and IST, ULisboa)  
José Francisco Rodrigues (CIM, ACL and FC, ULisboa)  
Carlos Salema (IT, ACL and IST, ULisboa)  
Yasser Omar (IT and IST, ULisboa)

Sponsors: CIM, Academia das Ciências de Lisboa, TÉCNICOLISBOA, CMAFCIO, INESC ID LISBOA, INSTITUTO DE TELECOMUNICAÇÕES,  
Doctoral Programme in the Physics and Mathematics of Information, FCT