

Seminar on Video Coding



Escuela Universitaria de Ingeniería Técnica de Telecomunicación



Universidad Politécnica de Madrid

Contents

- Methods, techniques and algorithms for data compression
- Video coding standards and their specifics

Professor: Dr. Henryk Richter

Henryk Richter received the Diploma and Dr.-Ing. degrees in electrical engineering from the University of Rostock, Germany in 2000 and 2006, respectively.

Since spring 2007 he is giving a master-level lecture in image and video compression at the University of Rostock. In autumn 2009 he took over the lead at the Regional Cisco Networking Academy in Rostock. In addition to CCNA level networking courses he is offering a bachelor-level lecture in network technology.

His research interests are in the fields of image/video compression, network technology and efficient implementations on generic and custom hardware. Among past research projects are a multiplatform streaming server/client framework, several video codecs for the MPEG-4 and H.264 coding standards, DVB-H terminal implementations, conceptual work for multistandard video decoding in hard- and software and generic frameworks for 3D image and video representation.

Timetable

Tuesday 16th March: 14:00h - 15:30h

Wednesday 17th March: 14:00h - 15:30h

Thursday 18th March: 14:00h - 15:30h

Room

3004

Audience and Inscriptions

This seminar is mainly aimed to Master students and 3rd level students.

Inscriptions should be done at the students' secretary of the EUIT de Telecomunicación or at the event room

Credits

The students attending the event will get 1 credit. Master students should perform an additional home work.