

Máster Universitario de Investigación en TIC Universidad de Valladolid

Conferencia de investigación:

Título: ¿Combina y vencerás? – “A comparative study of delivery delay for different protocols for communication channels of long propagation delay”

Lugar: Aula 9

Fecha: Lunes, 4 de octubre de 2010, 18:00-19:00 (dentro de la sesión de la asignatura IES)

Audiencia: Alumnos de MUI-TIC preferentemente, pero abierta también a profesorado, investigadores y alumnos del último curso del grado

Conferenciante: Øyvind Ytrehus, Universidad de Bergen, Noruega

Resumen: Upper layer packet coding has recently been proposed as an alternative to automatic repeat request (ARQ) protocols. Although chiefly beneficial for multicast sessions, the technique may also offer advantages for unicast sessions on channels with long signal propagation delay, for example satellite channels. This talk provides a brief overview of the techniques involved, and describes a queuing theoretic comparison between packet coded protocols and ARQ protocols with respect to the total delay of delivery. - For the benefit of the audience, the talk will be in English (the speaker will take no responsibility for the outcome if the audience insists in getting the Spanish version!)

Bio: The speaker is a professor at the University of Bergen, Norway, and has more than twenty-five years of research experience in information theory and coding theory. During the summer of 2010 he visited the UVa on a senior ABEL Extraordinary Chair grant, funded by the NILS mobility project.