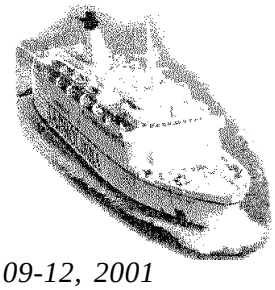
IEEE

SoftCOM 2001

International Conference on Software, Telecommunications and Computer Networks

Workshop on Channel Coding Techniques



October 09-12, 2001
Split, Dubrovnik (Croatia)
Ancona, Bari (Italy)

Call for Papers

Workshop on Channel Coding Techniques will be held aboard the luxury ship "Marko Polo" traveling on the route Split (Croatia) - Ancona (Italy) - Bari (Italy) - Dubrovnik (Croatia) in the frame of the 9th International Conference on Software, Telecommunications and Computer Networks - SoftCOM 2001.

The invention of turbo codes has revolutionized the field of channel coding. Their growing success and their introduction in many important international standards (UMTS for third generation mobile telephony, DVB for digital video broadcasting, CCSDS for telemetry from space) has generated an enormous interest for new or reinterpreted codes, able to approach the Shannon limit as never before.

This Workshop on channel coding techniques will cover both theoretical and practical aspects and will provide an opportunity for researchers to meet and discuss aspects of their work in an informal setting.

Papers presenting new results in (but not limited to) the following areas are invited

* Code design, analysis and decoding
* Turbo codes and turbo-like codes
* Low density parity check codes and codes on graph
* Product coding
* Iterative decoding
* Hardware and software implementations
* Coded modulation
* Standardization issues
* Coding for erasure channels
* Joint source-channel coding

Each day of the conference the ship will be anchored in one of the ports on the route, and overnight it will sail towards the next destination. This provides participants with the opportunity to share ideas in close contact with their coleagues and to enjoy the pleasant and inspiring ambience while visiting the ports along the beautiful Adriatic coast. During the conference the car deck will serve as an exhibition arena for exhibitors of software and telecommunication products.

Schedule		
	Complete manuscript to be received by	July 1, 2001
	Proposals for tutorials and workshops by	July 1, 2001
	Notification of acceptance mailed out by	September 1, 2001
	Camera-ready manuscript to be received by	September 15, 2001

More information about the Conference including details on the submission process and authors kit are available on the websites

http://www.fesb.hr/SoftCOM **http://www.softcom.tel.hr**

Workshop Chair: *Roberto Garello, University of Ancona, Italy (roberto.garello@ieee.org)*

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