A major objective of the Symposium will be to pursue the progression from communication and information theory through to the implementation, evaluation and performance of practical communication systems of various types. You are invited to submit original papers in the following and related areas:

**Digital Transmission and Recording**
- Source and Channel Coding
- Modulation, Detection, Channel Estimation
- Channel Modelling, Synchronisation
- Optical and Magnetic Recording

**Special Topics in Channel Coding, Source Coding, Information Theory**
- Turbo Codes, Low Density Parity Check Codes
- Source Coding and Data Compression
- Privacy, Secrecy and Security
- Multi-Functional Coding
- Sequences and Arrays

**Detection Techniques**
- Vector Detection, Multiuser Detection
- Combined Equalisation, Decoding and Channel Estimation
- Iterative (Turbo) Schemes

**Ultra Wideband Techniques**

The deadline for the submission of papers for consideration is **Friday 4th February, 2005**. Papers should not exceed 6 pages in length, including figures. Please submit your paper to:

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You will be notified of acceptance by **22nd April, 2005**. There will then be an opportunity to revise your paper, taking into account any comments by the referees, and to put it into the required format for the Symposium Proceedings. The deadline for receipt of your revised paper is **20th May, 2005**, so that the Proceedings can be published in time to be made available to all participants at the Symposium.

**Organising & Program Committee**

**Mario Blaum (USA)**
**Rolando Carrasco (UK)**
**Michael Darnell (UK)**
**Ping K. Fan (PR China)**
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**Mel Maundrell (UK)**
**Robert McEliece (USA)**
**Jorge Pereira (Belgium)**
**Valdemar da Rocha (Brazil)**
**Han Vinck (Germany)**

The Symposium **Venue** is St. Martin’s College, Ambleside, Cumbria, UK, where all the presentations, most meals, and social events, will take place. Ambleside is in the famous and very beautiful English Lake District, and there will be opportunities for walks and excursions during the Symposium.

For information on registration fees and accommodation, please consult our website: [http://www.hwcomms.com/iscta05.htm](http://www.hwcomms.com/iscta05.htm) or [http://www.dcs.lancs.ac.uk](http://www.dcs.lancs.ac.uk)

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