

Call For Papers

1999 INFORMATION THEORY WORKSHOP

Kruger National Park, South Africa, June 20 - 25, 1999

**Venue:** The Berg-en-Dal rest camp in the The Kruger National Park, situated approximately 400km East of Johannesburg, South Africa, provides an ideal wildlife setting for the 1999 IEEE Information Theory Workshop.

This workshop will be the first of two Information Theory workshops to be held during June 1999. The second workshop is taking place in Greece during the week following this workshop (June 27 - July 1, 1999). The organisers of both workshops have co-ordinated their efforts to ensure that the programmes of the two workshops will be complementary in nature. This will enable interested parties to attend both workshops. Direct, non-stop service is available between Johannesburg and Athens.

**Technical Program:** The following sessions are planned with the persons indicated acting as session organizers:

<i>Technical program chairman:</i>	<i>Han Vinck</i>
<i>Plenary speakers:</i>	<i>Jim Massey and Te Sun Han</i>
<i>Identification:</i>	<i>Te Sun Han and Rudi Ahlswede</i>
<i>Cryptology and communication security:</i>	<i>Henk van Tilborg</i>
<i>Source coding theory and techniques:</i>	<i>Frans Willems</i>
<i>Modeling and performance of high speed networks:</i>	<i>Tony Ephremides</i>
<i>Multiusers communication:</i>	<i>David Tse and Sergio Verdú</i>
<i>Coding and modulation for fading channels:</i>	<i>Ezio Biglieri</i>
<i>Spread-spectrum communication theory and techniques:</i>	<i>Michael Pursley</i>
<i>New Results in information theory and coding:</i>	<i>Mario Blaum</i>

**Sponsorship:** The Workshop is sponsored by the IEEE Information Theory Society.

**Organizing Committee:**

**Co-Chairmen**

- Shu Lin: Dept. of Electrical Engineering, University of Hawaii at Manoa, 2540 Dole Street, Holmes Hall 483, Honolulu, Hawaii 96822, USA. E-mail: slin@spectra.eng.hawaii.edu, Tel: +1-808-956-8403, Fax: +1-808-956-3427.
- Hendrik Ferreira: Dept. of Electrical Engineering, Rand Afrikaans University, P.O. Box 524, Auckland Park, 2006, South Africa. E-mail: hcf@ing1.rau.ac.za. Tel: +27 11 489-2463. Fax: +27 11 489-2357.

**Local Arrangements**

- Walter Penzhorn: Dept. of Electrical and Electronic Engineering, University of Pretoria, Pretoria 0002, South Africa. E-mail: Walter.Penzhorn@ee.up.ac.za Tel.: +27 12 420-2164, Fax: +27 12 348-0946.
- Francis Swarts: Dept. of Electrical and Electronic Engineering, University of Pretoria, Pretoria, 0002, South Africa. E-mail: fafa@didgeridoo.ee.up.ac.za. Tel: +27 12 420-2872. Fax: +27 12 362-5000.

**Recent Results Session:** Those interested in a presentation in the new results session are invited to submit a summary, ISIT style, by January 31, 1999, to Dr. Mario Blaum, IBM Research Division, Almaden Research Center K65/C2, 650 Harry Road, San Jose CA 95120, USA, E-mail: blaum@almaden.ibm.com, Tel: +1 408 927-2179, Fax: +1 408 927-4110. Two recent results sessions are planned, one focusing on coding the other on information theory in general.

**Social Program:** Reception, cocktail, banquet and a day excursion in the Kruger National Park. In addition to this, daily game drives will also be available.

<b>Registration Fee:</b>	On/before April 20, 1999	IEEE Member: US\$320	Non-Member: US\$370	Students: US\$80
	After April 20, 1999	IEEE Member: US\$395	Non-Member: US\$445	Students: US\$155

**Accommodation:** Please contact Annette Raubenheimer at Supersonic Travel (E-mail: sonic@ccnet.up.ac.za, Tel: +27 12 420-4085/6, Fax: +27 12 362-5139, P.O. Box 26032, Arcadia, Pretoria, 0007) for assistance in arranging accommodation for the workshop. NB!! This is the only travel agent through which accommodation for the workshop can be arranged. Please be sure, when contacting Supersonic Travel, that you mention that you are wanting to arrange accommodation specifically for the 1999 Information Theory Workshop.

**Further Information:** Please contact any of the organizers or visit <http://www.wits.ac.za/ITW99>.