WORKSHOP ON CODING AND CRYPTOGRAPHY

January 11–14 1999, Paris, France

ANNOUNCEMENT AND CALL FOR PAPERS

The workshop is organized by INRIA and sponsored by the "Centre de Recherche des Écoles de Coëtquidan". It will be located in Paris from January 11 to 14 1999.

Conference Themes: Our aim is to bring together researchers in all aspects of coding theory, cryptography and related areas, theoretical or applied.

Deadlines:

- Reception of submission by October 2, 1998
- Notification by November 13, 1998
- Final abstract by November 27, 1998

Topics include, but are not limited to:

- coding theory: block codes (linear or nonlinear), cyclic codes, Euclidean codes, covering radius, weight distributions, soft decision decoding; convolutional codes, turbo coding, soft output decoding;
- cryptology: block and stream ciphers, hash functions, public key cryptography, digital signature, secret sharing, authentication, cryptanalysis, copyright protection;
- connections between these two main areas, including finite groups, finite fields, algebraic geometry, function fields, random structures, lattices, combinatorics, designs, Boolean functions, sequences.

Those wishing to contribute a 20 minutes talk are invited to submit a 2-10 page extended abstract, before October 2, 1998, by sending either three hard copies to

Claude Carlet, WCC 99,
INRIA, Projet CODES
BP 105, 78153 Le Chesnay Cedex, France

or, preferably, an electronic copy (LaTeX or postscript) by e-mail to `wcc-prog@inria.fr`.
A volume including the accepted abstracts will be published by INRIA and provided to the participants.

Organizing committee: C. Carlet (INRIA and Université de Caen, France), G. Cohen (Chairman of the IEEE-IT French Chapter, France), E. Filiol (Centre de Recherche des Écoles de Coëtquidan, France), C. Fontaine (INRIA, France), S. Harari (Université de Toulon, France), N. Sendrier (**Chair**, INRIA, France),

Local organization: A. Theis-Viemont (INRIA, France), C. Thenault (INRIA, France).

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Invited talks:

- Hans Dobbertin, Germany
- Ernst Gabidulin, Russia
- James Massey, Denmark
- Vera Pless, USA
- John Dillon, USA (to be confirmed)

Informations: `http://www-rocq.inria.fr/codes/WCC99/` or e-mail to `wcc-orga@inria.fr`