

**CFP: Special Issue on Cryptography and Coding Theory-dedicated
to the 60th Birthday of Prof. Cunsheng Ding
Journal ADVANCES IN MATHEMATICS OF
COMMUNICATIONS**

Leading Guest Editors Prof. Sihem Mesnager (University of Paris VIII-
LAGA, Paris, France. Emails: smesnager@gmail.com/ smesnager@univ-paris8.fr)
Prof. Xiaohu Tang (Southwest Jiaotong University, China. Email: xhutang@swjtu.edu.cn)

Guest Editors Prof. Zhengchun Zhou (Southwest Jiaotong University, China.

Email: zzc@swjtu.edu.cn)

Prof. Chunming Tang (China West Normal University, China. Email: tangchun-
mingmath@163.com)

Prof. Qi Wang (Southern University of Science and Technology, China. Email:
wangqi@sustech.edu.cn)

Theme and scope

This special issue is dedicated to the 60th Birthday of Prof. Cunsheng Ding. Prof. Ding (from the Hong Kong University of Science and Technology, Kong-Kong) is a world-class researcher who has made significant contributions to coding theory, cryptography, combinatorics, and in particular, their interactions. He is well-known for his several groundbreaking works using very original ideas and a lot of creativities that have marked the world of mathematics for communications last two decades and have often been the starting point for many articles. Without his several advances would not have seen the light of day. This Special Issue aims to provide an overview of recent advances in coding theory, cryptography, and combinatorics and their interactions. Original mathematically-oriented contributions on the following (non-exhaustive list of) topics are welcome:

-Coding theory: linear codes, cyclic codes, weight distribution, BCH codes, LCD codes, authentication codes;

-Cryptography: stream ciphers, nonlinear functions, Boolean functions, secret sharing schemes, sequences, cryptanalysis;

-Combinatorics: difference sets, combinatorial designs, difference families.

Instructions for submission

When submitting to the journal, the Special Issue name “SI Cryptography and Coding Theory-C. Ding’s 60th birthday” should be chosen.

Important dates (new dates!)

Manuscript submission deadline: March 31st, 2022

Notification of decision: May. 30th, 2022

Revised manuscripts due: June 30th, 2022

Final manuscript due: July 20th, 2022

Please feel free to forward this message to anyone who may be interested.