FATİH UNIVERSITY

Department of Mathematics
Seminars on
Codes, **C**ryptography and **C**ombinatorics

Dear Colleagues,

   You are cordially invited to attend the following seminar organized by the department of mathematics.

Speaker   : Assoc. Prof. Suat KARADENİZ

Title   : OS-Construction

Abstract   : In this talk, a new method to construct self-dual codes will be introduced. Since orthogonal and symmetric matrices are used, the technique is called OS-construction. By this method we are able to characterize all self-dual codes with a generator matrix of the form $\begin{bmatrix} I_n & 0 & A & B \\ 0 & I_n & B & A \end{bmatrix}$.

Date   : May 14, Thursday

Time   : 13:00

Room   : A-324