



# FMSP Lectures

Alfred Ramani  
(Ecole Polytechnique)

Discrete Painlevé equations with periodic  
coefficients

November 10 (Monday) 17:00 ~ 18:00 Room 128

**Abstract:**

We present a series of results on discrete Painlevé equations with coefficients which are periodic functions of the independent variable. We show by explicit construction that for each affine Weyl group there exists an equation the coefficients of which have maximal periodicity. New results on equations associated to the affine Weyl group  $E_8$  are also presented.