Distinguished Lecturer in Seoul

by Jong-Seon No

On 21 April 2003, the Information Theory Chapter of the IEEE Seoul Section hosted a Distinguished Lecture by Vijay K. Bhargava at Seoul National University. The lecture was entitled, "Power-Residues, Binary Matrices with Specified Properties and Error Correcting Codes." In this lecture, using the theory of power residues modulo a prime, Vijay constructed a number of matrices which were symmetric, and/or orthogonal or had low multiplicative order mod 2. For primes of special form, some general results were presented. The resulting matrices could be rather sparse and result in interesting error correcting codes. The lecture was attended by over 40 attendees including students, professors and other local IT professionals. The talk was followed by a lunch during which the photograph was taken.

Members of the Seoul Section of the IEEE with Vijay Bhargava.