



POLITÉCNICA



Universidad
Politécnica
de Madrid

**ETSI SISTEMAS
INFORMÁTICOS**

Seminario de Investigación

Curso 2015-16

Miércoles 6 de abril, 16:00 - Sala de Grados. Conferencia:

“Redes de procesadores de imágenes”

Ponente: *Victor Mitrana, profesor de la UPM*

Resumen:

We propose a new highly parallel and distributed computational model called network of evolutionary picture processors. We present an efficient solution to the problem of picture pattern matching based on networks with evolutionary processors only, for patterns with at most three rows or columns. Afterwards, we present a solution based on networks containing both evolutionary and hiding processors for any size of the pattern. A few consequences regarding two classes of picture languages are finally outlined.