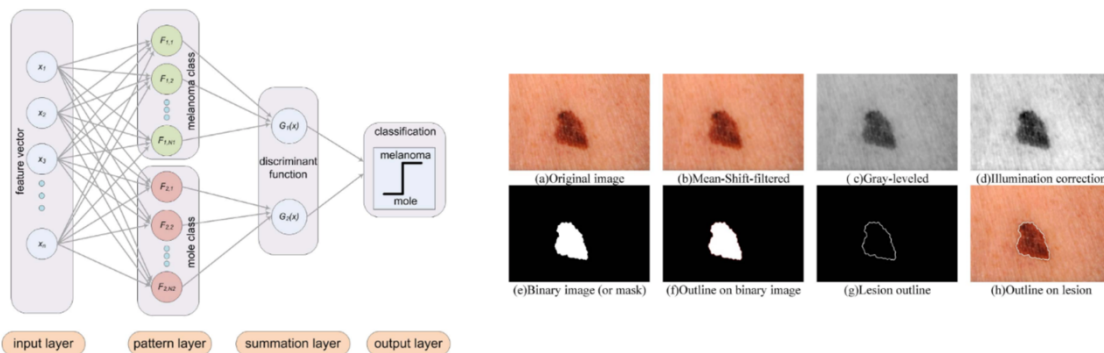


# Medical Image Processing. Application to early detection of melanoma

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Modern medical imaging systems are designed to create visual representations of the internal anatomy of the body. Medical image processing aims in improving the quality of these visual representations to facilitate accurate and reliable clinical decisions. In this talk we will:

- a/ Review the **basic principles of operation of modern medical imaging systems**
- b/ Review the **basic principles of medical image processing methodologies.**
- c/ Present clinical **examples of application** of the above mentioned techniques in real world medical images
- d/ Review **decision support systems** utilized as second opinion tools to guide physicians towards more accurate and reproducible decisions
- e/ Present an example of a research decision support system developed **for early detection of melanoma**



Martes 13 de Marzo a las 13:00h

Aulario III - Aula 322

Escuela Técnica Superior de Ingeniería de Telecomunicación

Campus de Fuenlabrada, Universidad Rey Juan Carlos

**Por la asistencia a esta actividad se reconocerán 0.1 ECTS para la asignatura de Reconocimiento Académicos de Créditos (RAC).**