Sergio Escalera, Computer Vision Center UAB & Dept. Matemàtica Aplicada i Anàlisi, Universitat de Barcelona, email: sergio@maia.ub.es
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Josep Moya, Servicio de Salud Mental del Parc Taulí, Sabadell, email: jmoya@tauli.cat
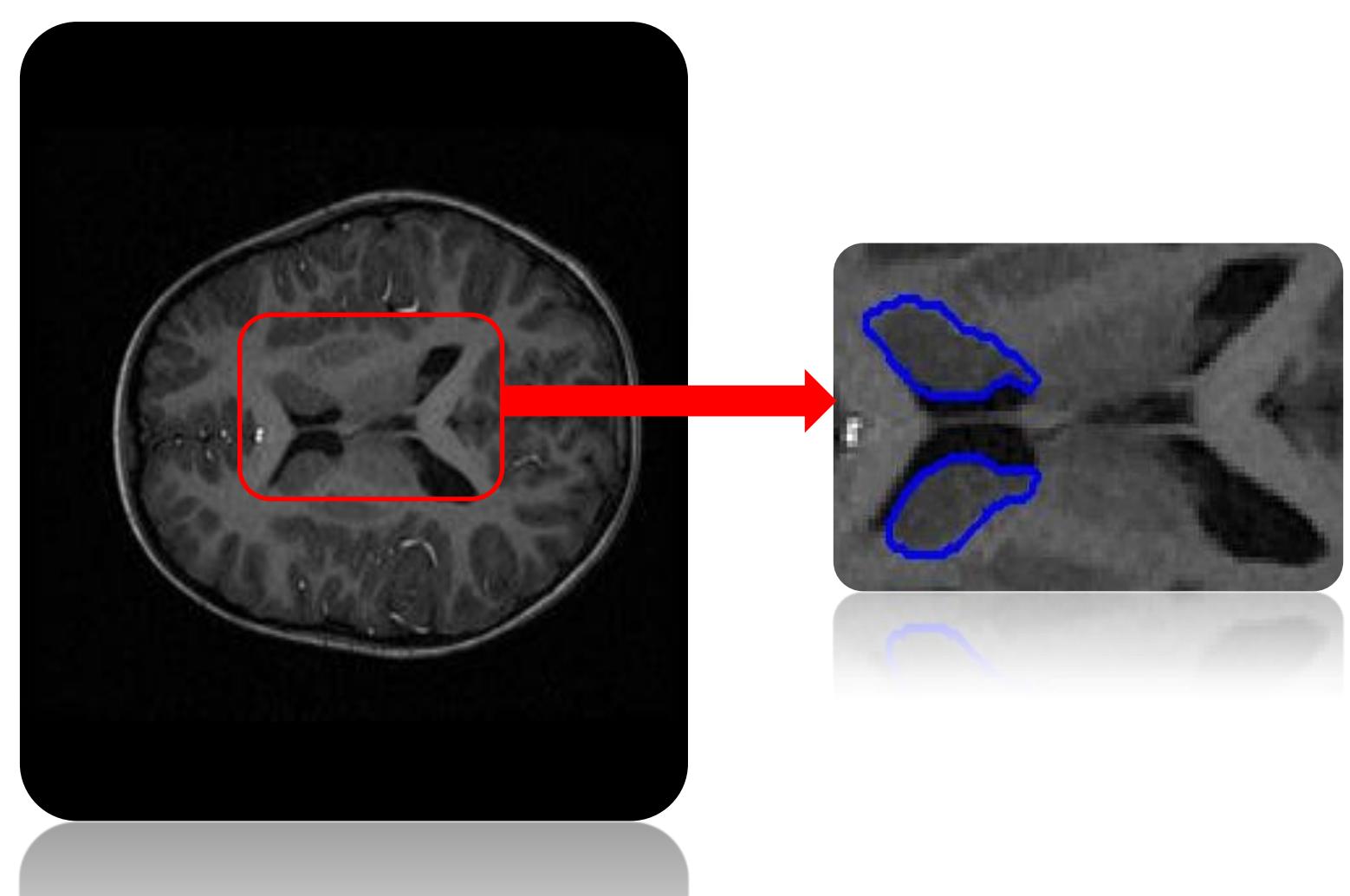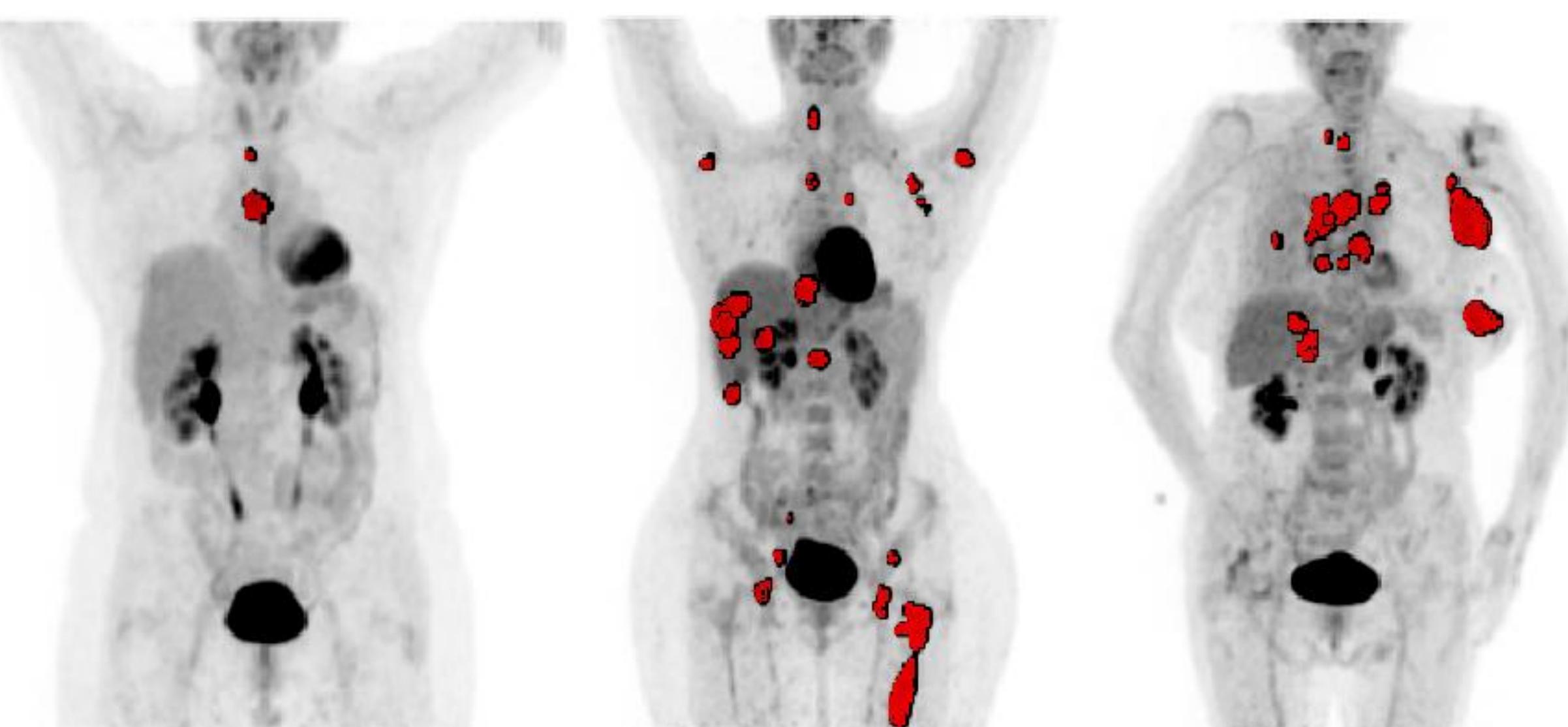
Automatic Monitoring and Image Analysis on eHealth

Medical image and volume recognition for mental disease analysis, tumor segmentation, and Human Computer Interaction

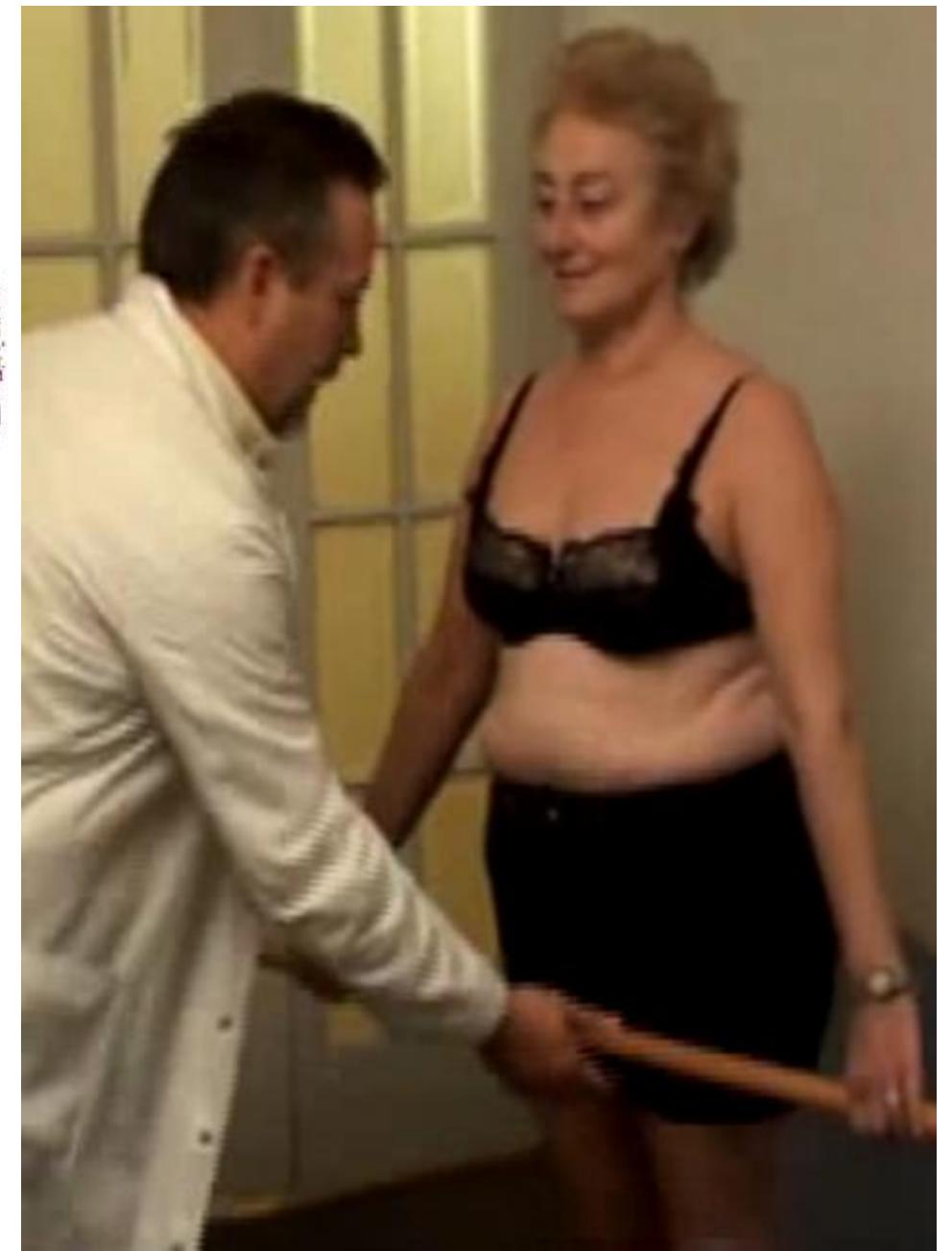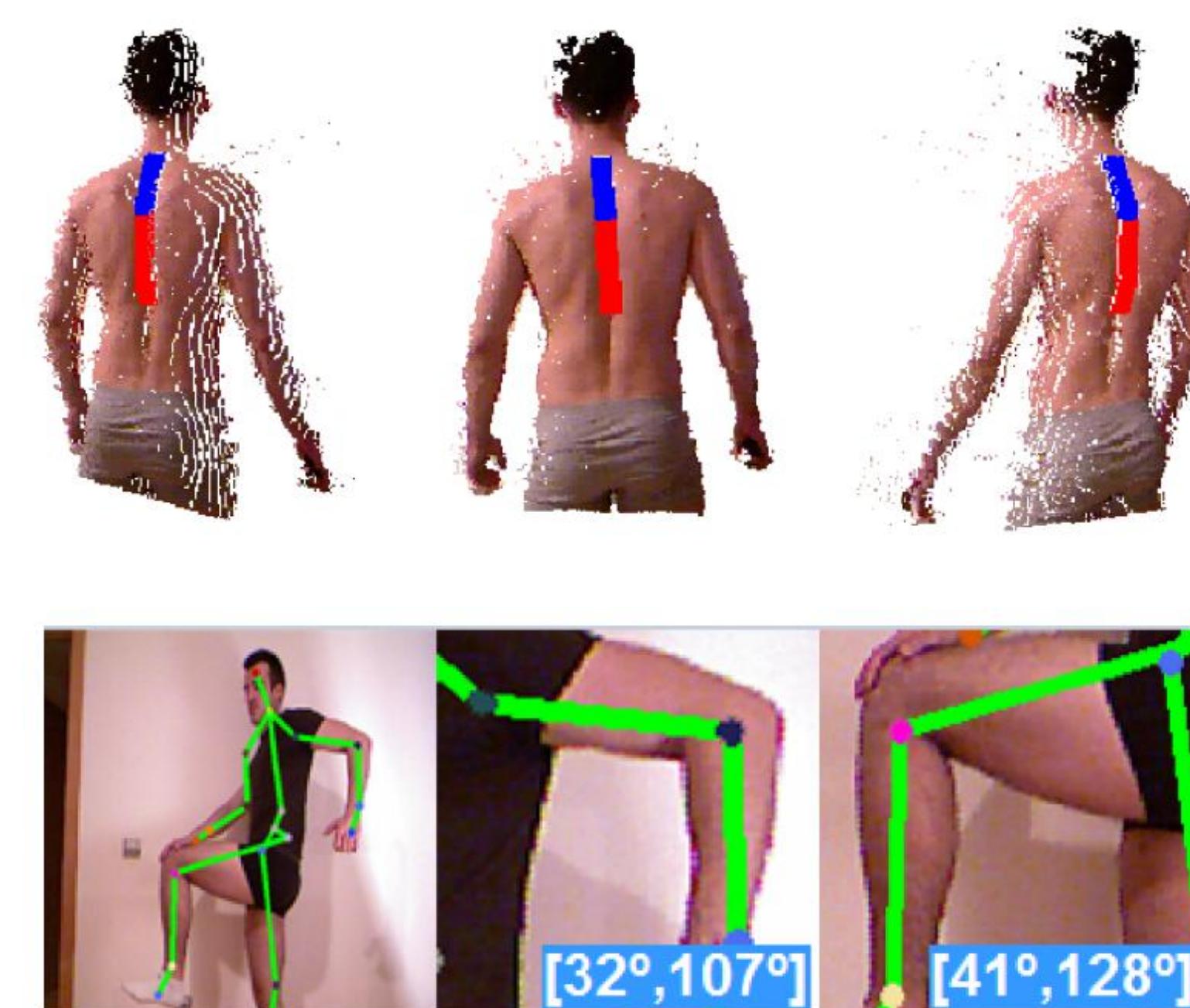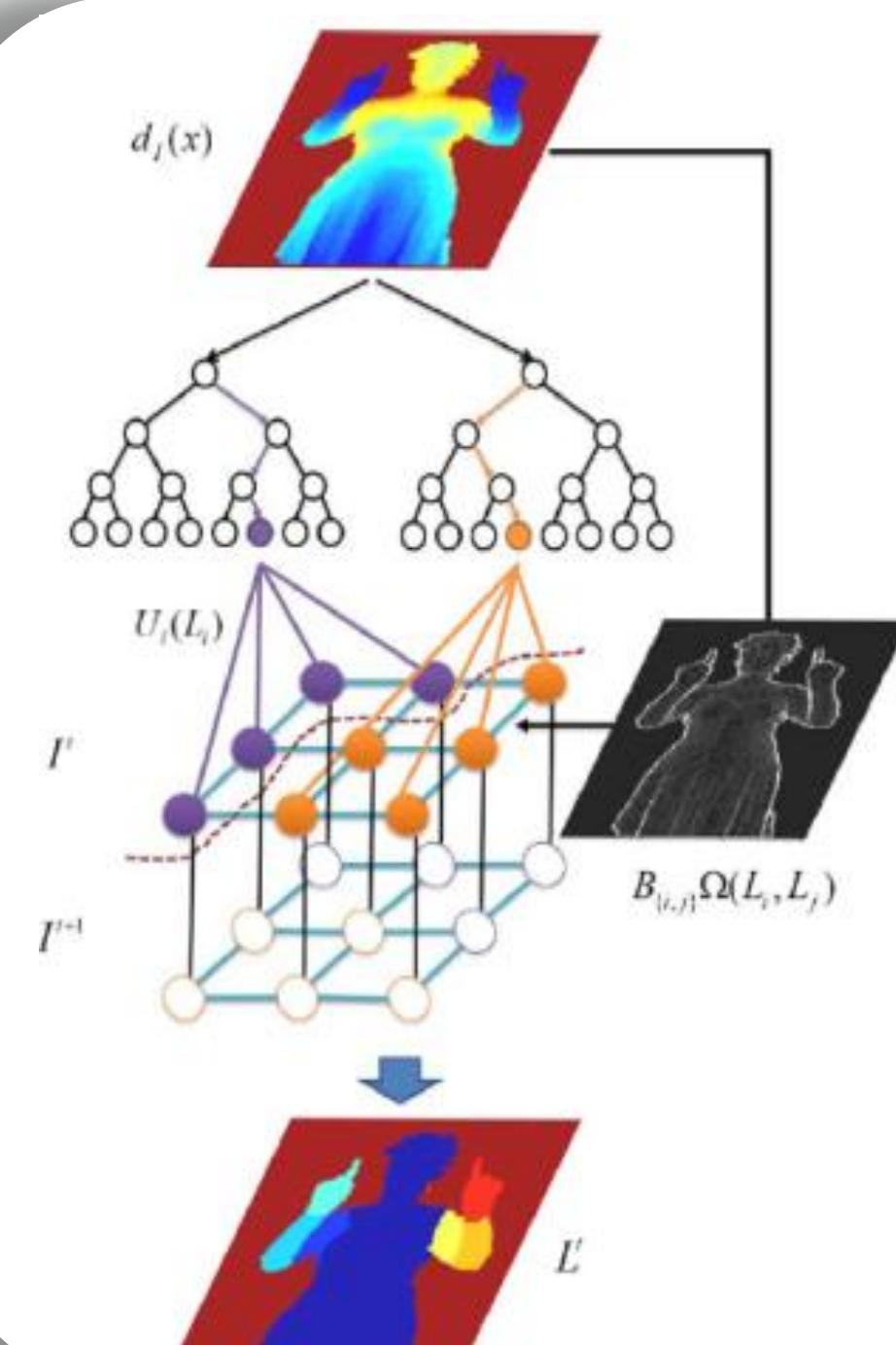**Structural and functional image analysis**

Automatic tumor segmentation in PET/CT volume data

Human Computer Interaction interfaces for medical image manipulation
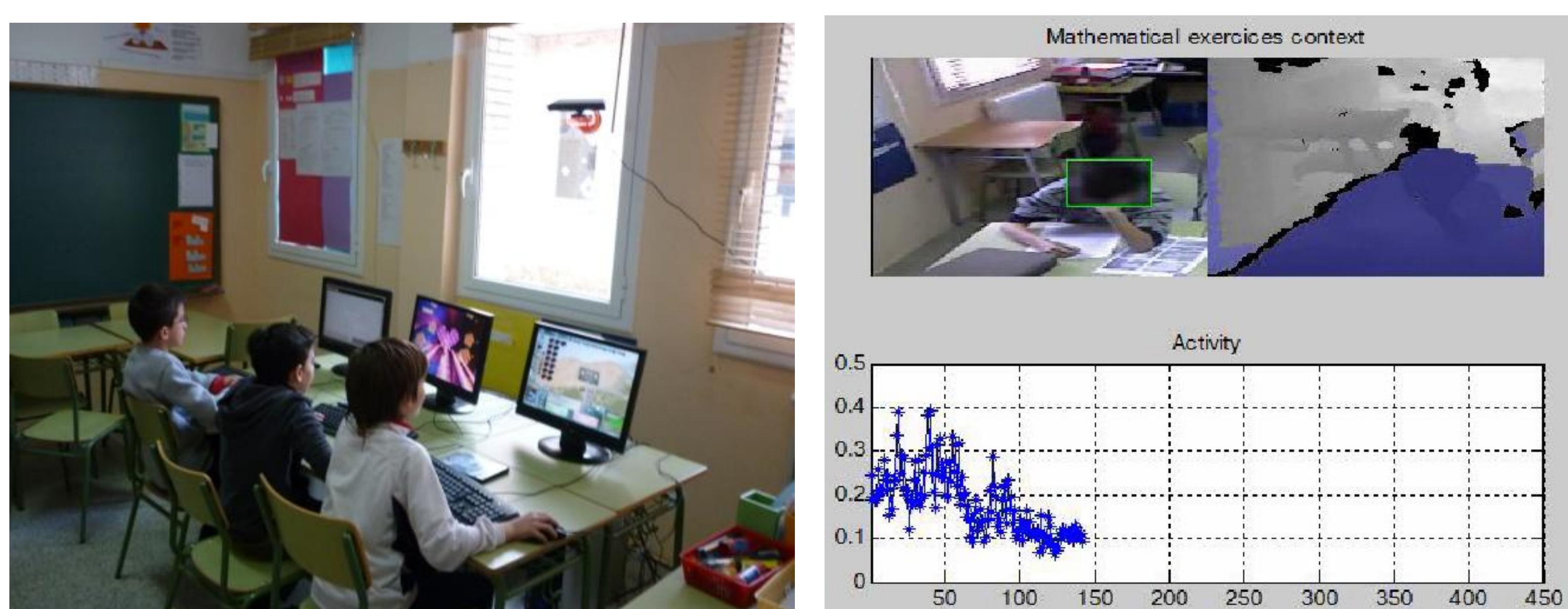

Human Monitoring: Physiotherapy, rehabilitation, and fitness conditioning for elderly people
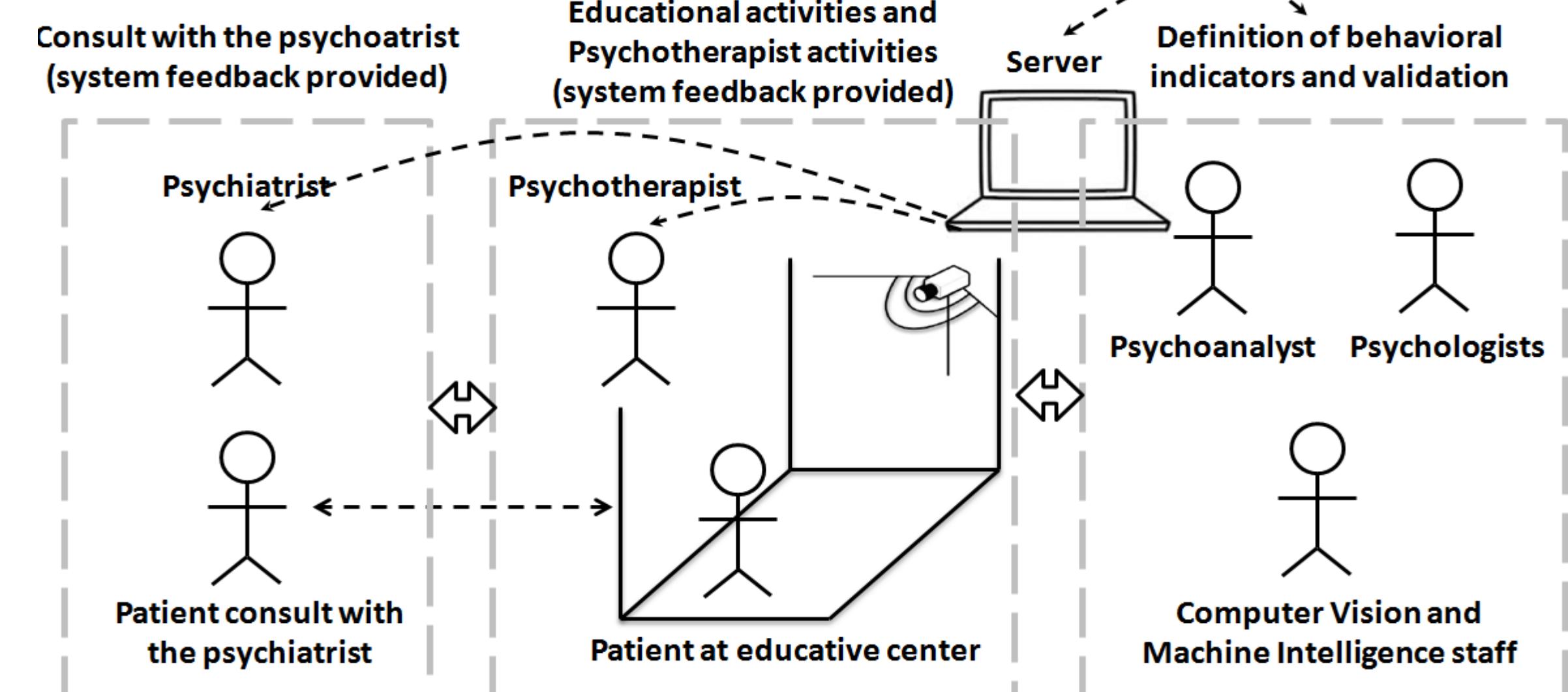

Automatic monitoring on mental health: symptoms and progression analysis

Automatic monitoring of Attention Deficit Hyperactivity Disorder symptoms in different contexts

Multi-disciplinary project: automatic monitoring of disease evolution in mental health treatments

Assistance for elderly people: Home assistive technology

Multi-modal user, object, and behavior analysis