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**Scoliosis:** 

- Evolutive deformation of the spine
- Trunk asymmetry





RGETICA

Nov. 20-22

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## Scoliosis:

- Evolutive deformation of the spine
- Trunk asymmetry

## For diagnosis or follow-up:

- Non-irradiant optical system
- BIOMOD system based on Moiré pattern
  - → 3D mesh of the back

## **Objective:**

- Find the 3D symmetry line
- Analyze the local torsion of the back surface





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## OUR WORK :

- Development of a new method based on local symmetry planes
- Comparison with reference methods [1,2]











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