

# 3D Analysis of Fetal MRI Images

## Short description:

Design and implementation of medical image analysis algorithms for the automatic segmentation and registration of structures in fetal images

## Goal:

The goal of this project is to design and implement segmentation and registration algorithms for the automatic analysis of fetal MRI images, like:

<https://www.youtube.com/watch?v=KKPc6ZxkTp0&feature=youtu.be>

The project will be carried out in cooperation with Dr. Bernhard Kainz from the Imperial College in London:

<http://www.imperial.ac.uk/people/b.kainz>

**Note: Biomedical Engineering Students are welcome!**

## Keywords:

Fetal Imaging, Image Analysis, Segmentation, Registration, MRI, Visualization, Computer Vision

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