Department of Space & Climate Physics

Wavelet and gradient sparsity reconstructions of the earth topographic map and a 360 deg camera image respectively [5].

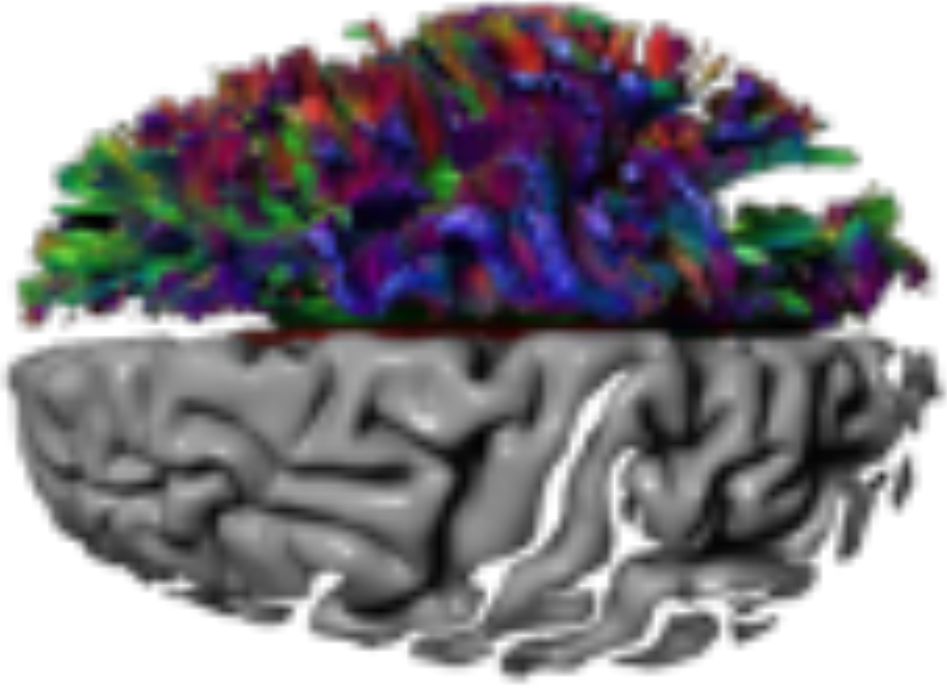
Earth Topographic Map

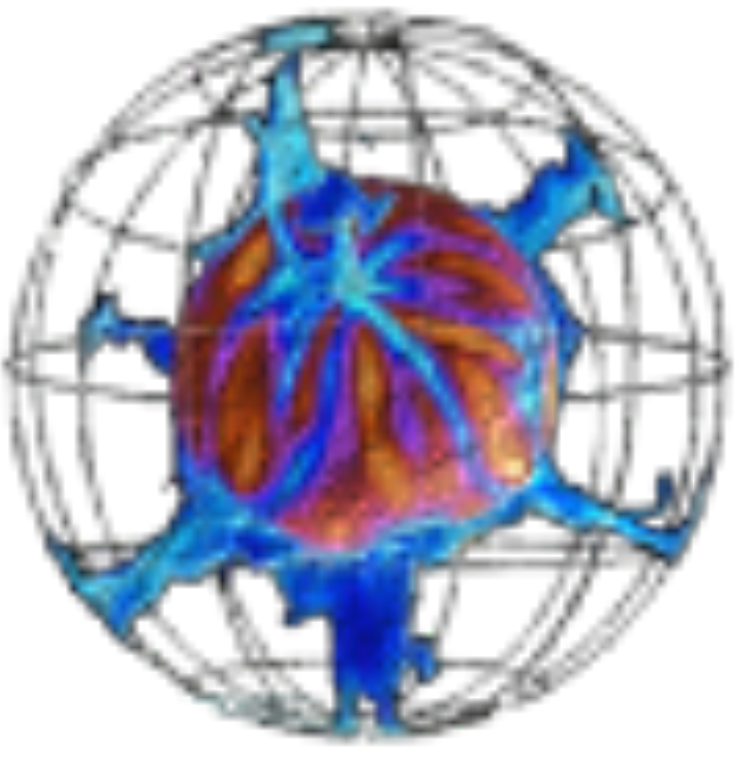
360° Camera De-blurring

Planetary Science

Geophysical Modelling

Astronomical Imaging





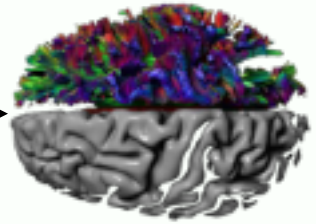
Medical Imaging

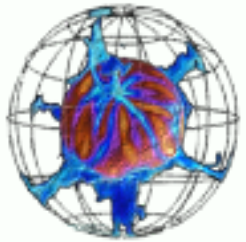
General Spherical Imaging

Earth Topographic Map

Planetary Science

Medical Imaging





Geophysical Modelling

Astronomical Imaging

360° Camera De-blurring

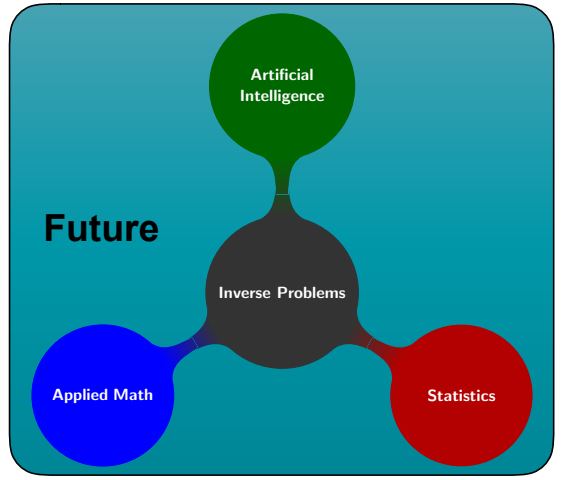
Wavelet and gradient sparsity reconstructions of the earth topographic map and a 360 deg camera image respectively [5].

Mullard Space Science Laboratory
Department of Space & Climate Physics

UCL

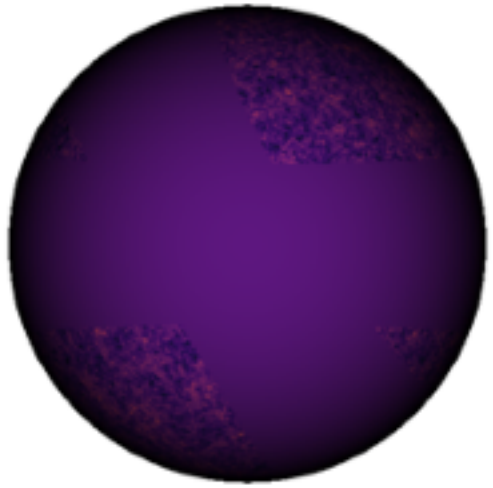
Future research

3D Dark Matter & Artificial Intelligence techniques

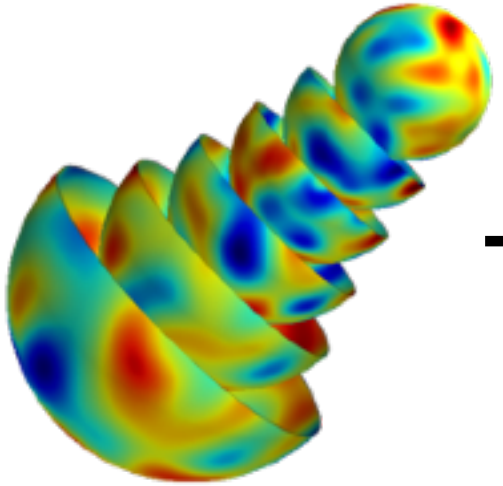


Planar [1-3]

Spherical [4,5]



3D Ball [6]



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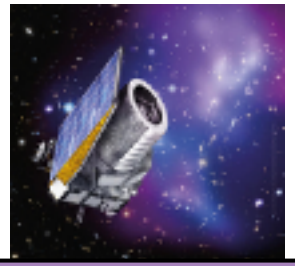
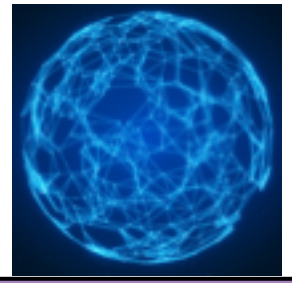


Euclid Survey



Machine Learning

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2019 2020 2021 Future