

Meshes for BEM Forward Solution



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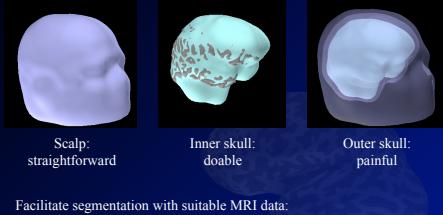
Boundary-Element Forward Solution

- The head is assumed to consist of compartments with homogeneous, isotropic electrical conductivity
- MEG: One compartment (brain)
- EEG: Three compartments (scalp, skull, brain)



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MRI-based Conductor Geometry for Forward Models



Facilitate segmentation with suitable MRI data:
Acquire multi-echo flash data to reconstruct images
with appropriate contrasts for segmentation

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Coregistration



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