

EU Horizon 2020 Marie Sklodowska-Curie Actions grant agreement No 745782 (project ForbMod).

3D CME reconstruction using GCS method

Mateja Dumbovic Institute of Physics, University of Graz



GCS=Graduated Cylindrical Shell

Thernisien+2006,2009; Thernisien2011



>1 vantage point!

3D croissant geometry

reconstruction

3D CROISSANT \rightarrow 2D IMAGES



3D CROISSANT \rightarrow 2D IMAGES



CROISSANT SYSTEM



THE CROISSANT GEOMETRY



 \rightarrow Hollow Croissant

→ CONICAL LEGS

- → CIRCULAR CROSS SECTION
- → PSEUDO CIRCULAR FRONT

Thernisien+2006

THE CROISSANT GEOMETRY



Thernisien+2006

THE CROISSANT POSITION



EXAMPLE CME 2014 February 12