

Weak Lensing FG Abstracts

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2014 Chapters

- General cosmic shear forecasts (**Brown** et al 2014) <https://pos.sissa.it/215/023/pdf>
- Simulations (**Patel** et al 2014) <https://pos.sissa.it/215/030/pdf>
- Cross-correlation surveys (**Kirk** et al 2014) <https://pos.sissa.it/215/020/pdf>

Internal Abstracts

- **WLG**
 - General cosmic shear forecasts (update **Brown** et al 2014)
- **WLSim**
 - Shear measurements simulations (update **Patel** et al 2014)
- **CMBLx**
 - CMB Lensing cross-correlations (partial update of **Kirk** et al 2014)
 - **+continuum +synergies** (for combination with CMBL x galaxy clustering)

'Oxford' Abstracts

- A comprehensive SKA Survey of lensing clusters and lensed galaxies
 - **Pommier** et al
- A deep learning approach to radio weak lensing measurements in the image domain
 - **Tripathi** et al
- ~~● Galaxy Weak Lensing with SKA's Mid Frequency Telescope (this is **WLG**)~~
 - ~~○ Harrison et al~~

Extra Contributions?

- 3x2pt forecast with continuum clustering
 - Partial update of **Kirk** et al 2014
 - Could go in **WLG**? or continuum equivalent? or be shown in both? or a 'synergies' chapter?
- Full 6x2pt with CMBL
 - Partial update of **Kirk** et al 2014
 - Could go in **WLG**? or **CMBx**? or continuum equivalent? or be shown in both? or a 'synergies' chapter?

Suggested Chapters (edit/comment this slide!)

- **WLG**
 - Updates **Brown**
 - **Option 1:** Include 3x2pt to update **Kirk** +continuum +synergies
- **WLSim**
 - Updates **Patel**
 - Merge with **Tripathi**
- **Option 1: CMBx** +continuum +synergies
 - Updates **Kirk**
- **Option 2: xCorr** +continuum +synergies
 - Merge with **CMBx**
 - Updates **Kirk**
- **Pommier** +HGalaxies
 - Clusters chapter