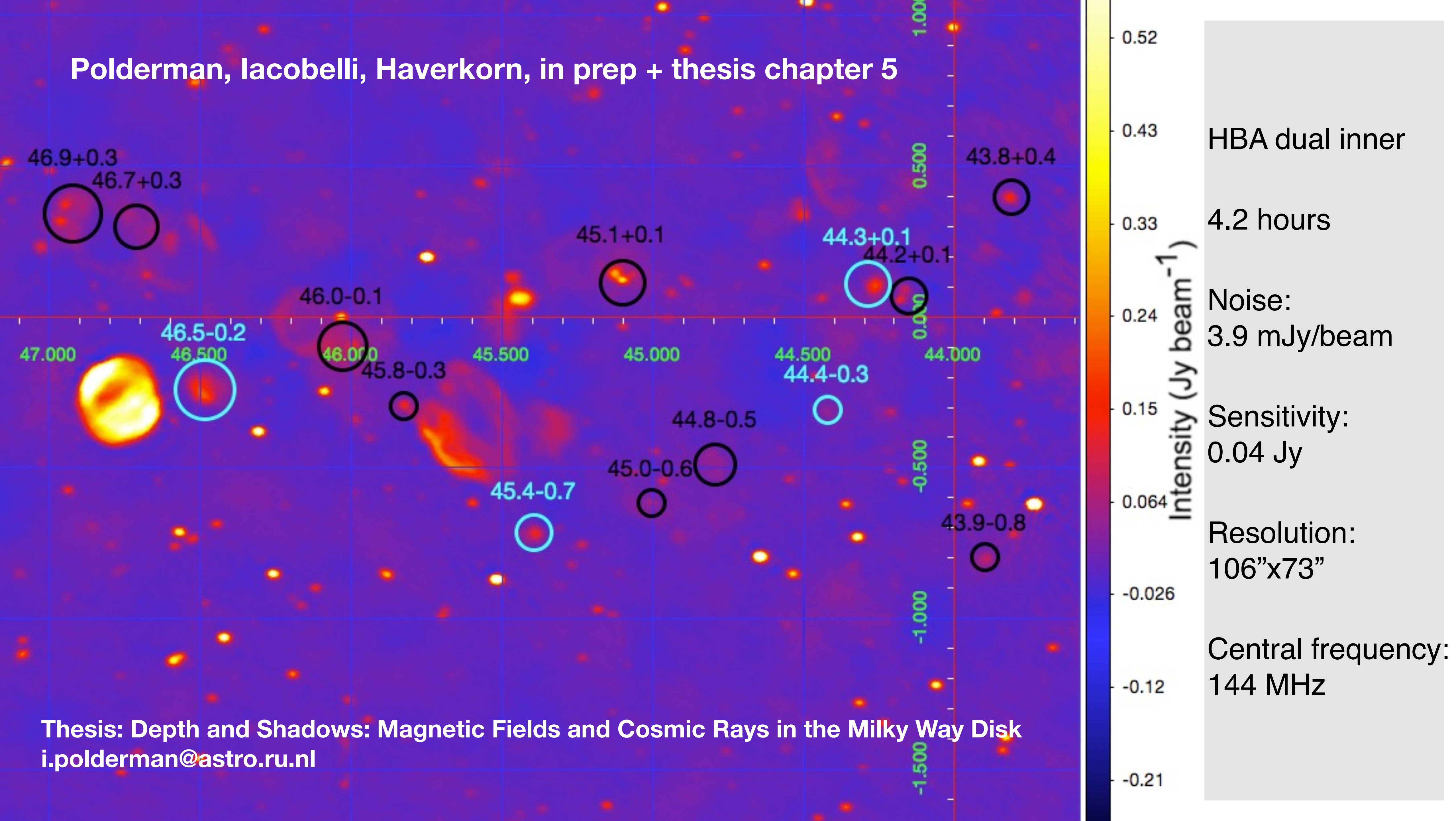
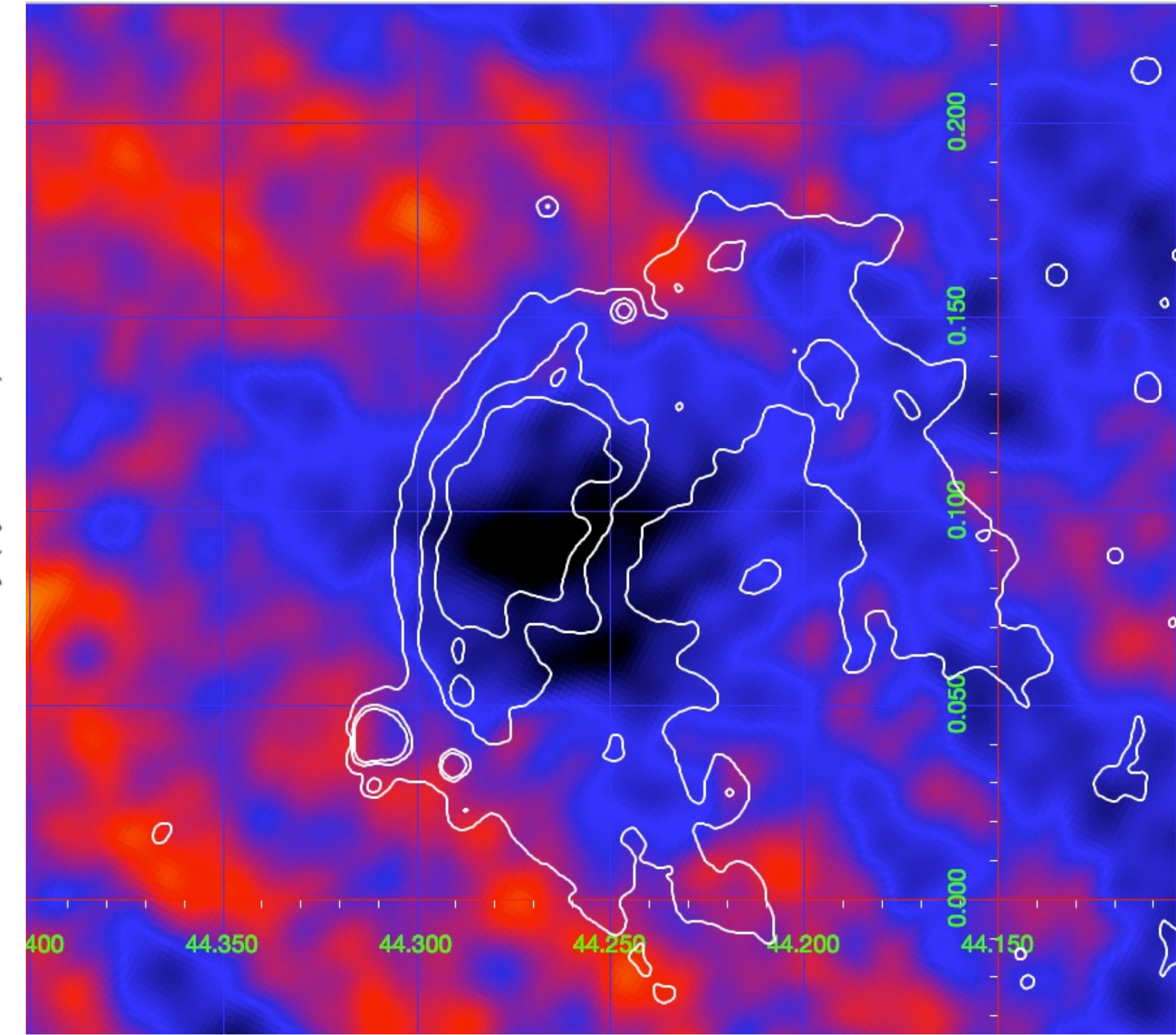
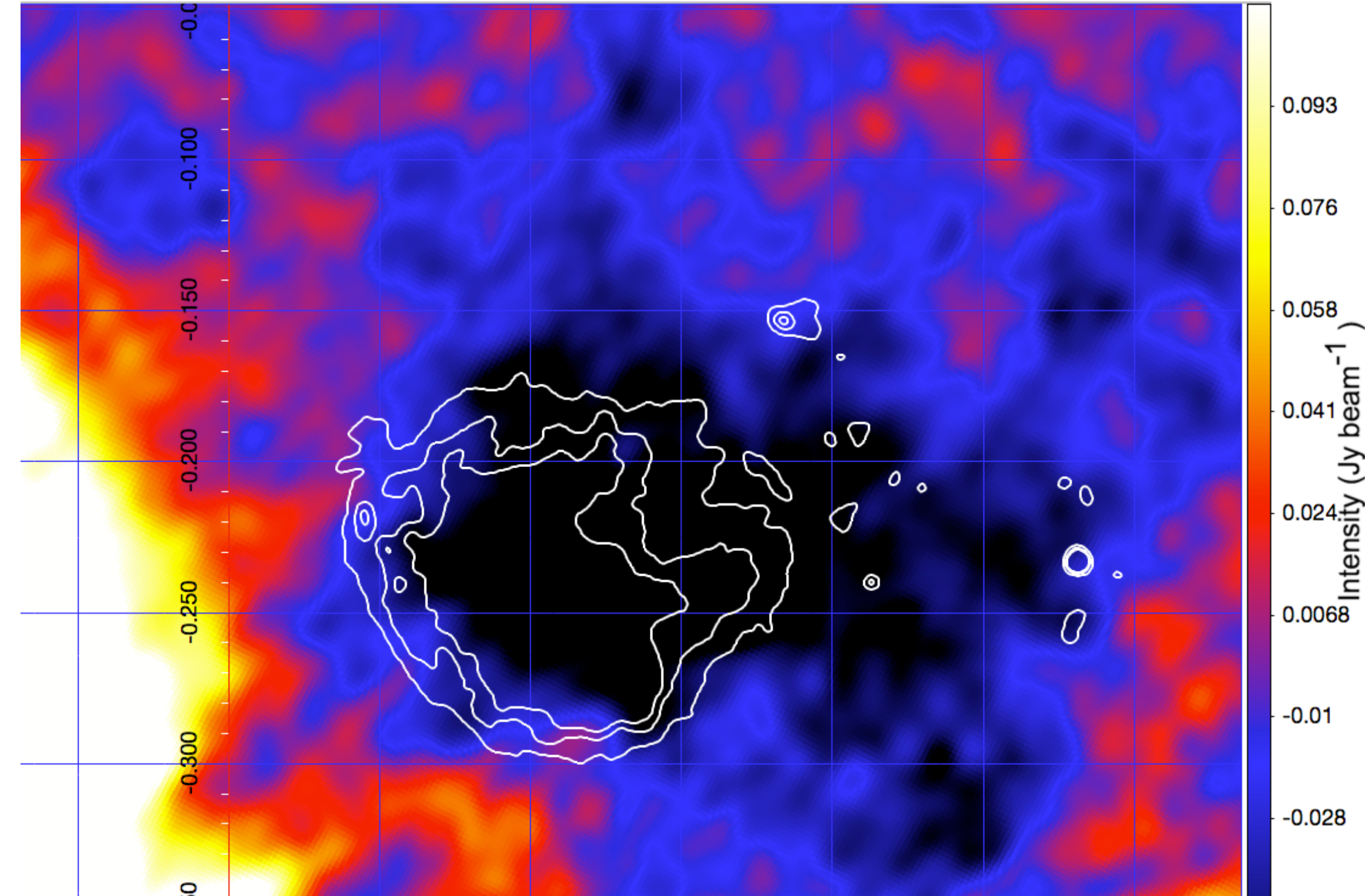


Polderman, Iacobelli, Haverkorn, in prep + thesis chapter 5



Thesis: Depth and Shadows: Magnetic Fields and Cosmic Rays in the Milky Way Disk
i.polderman@astro.ru.nl

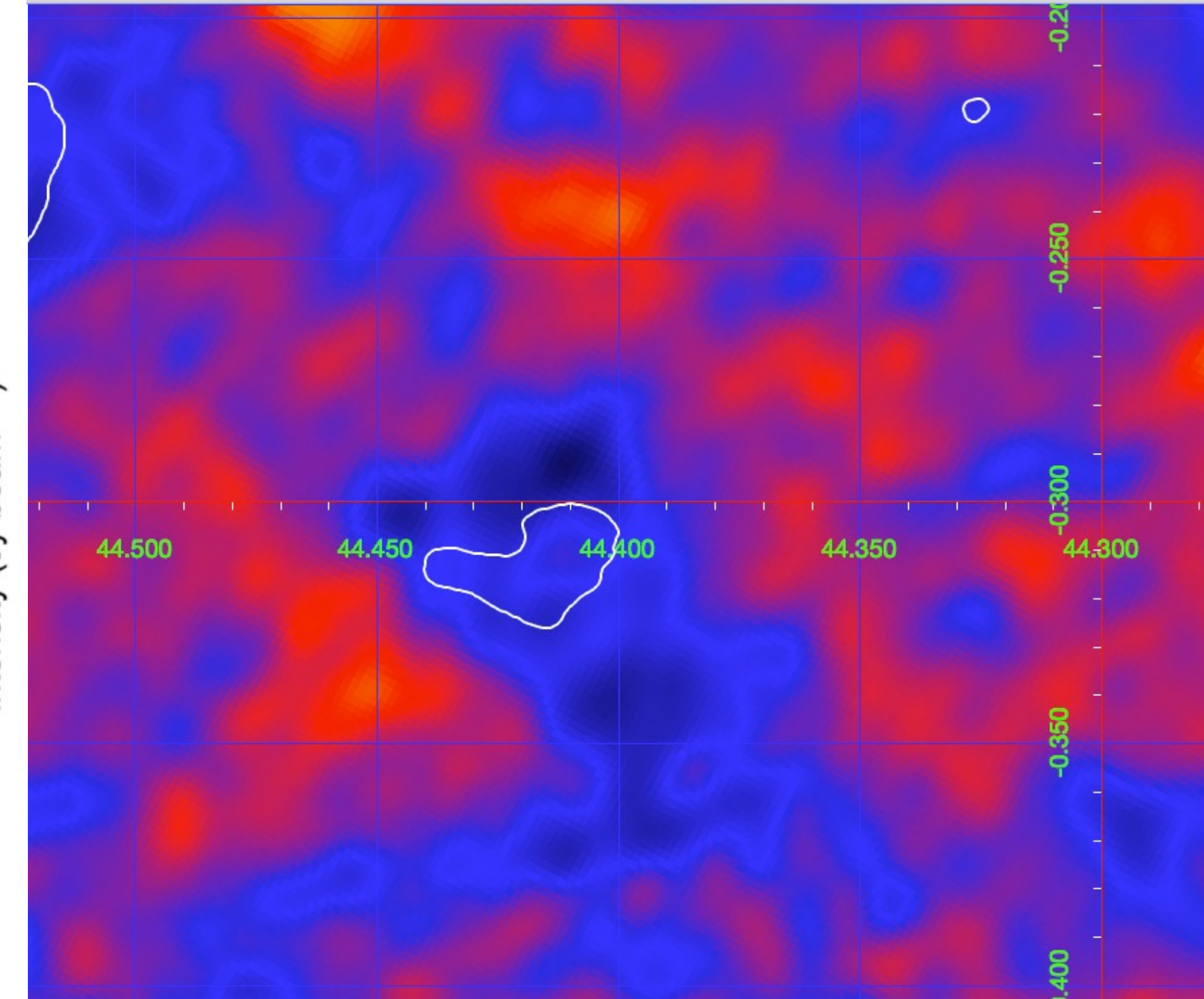
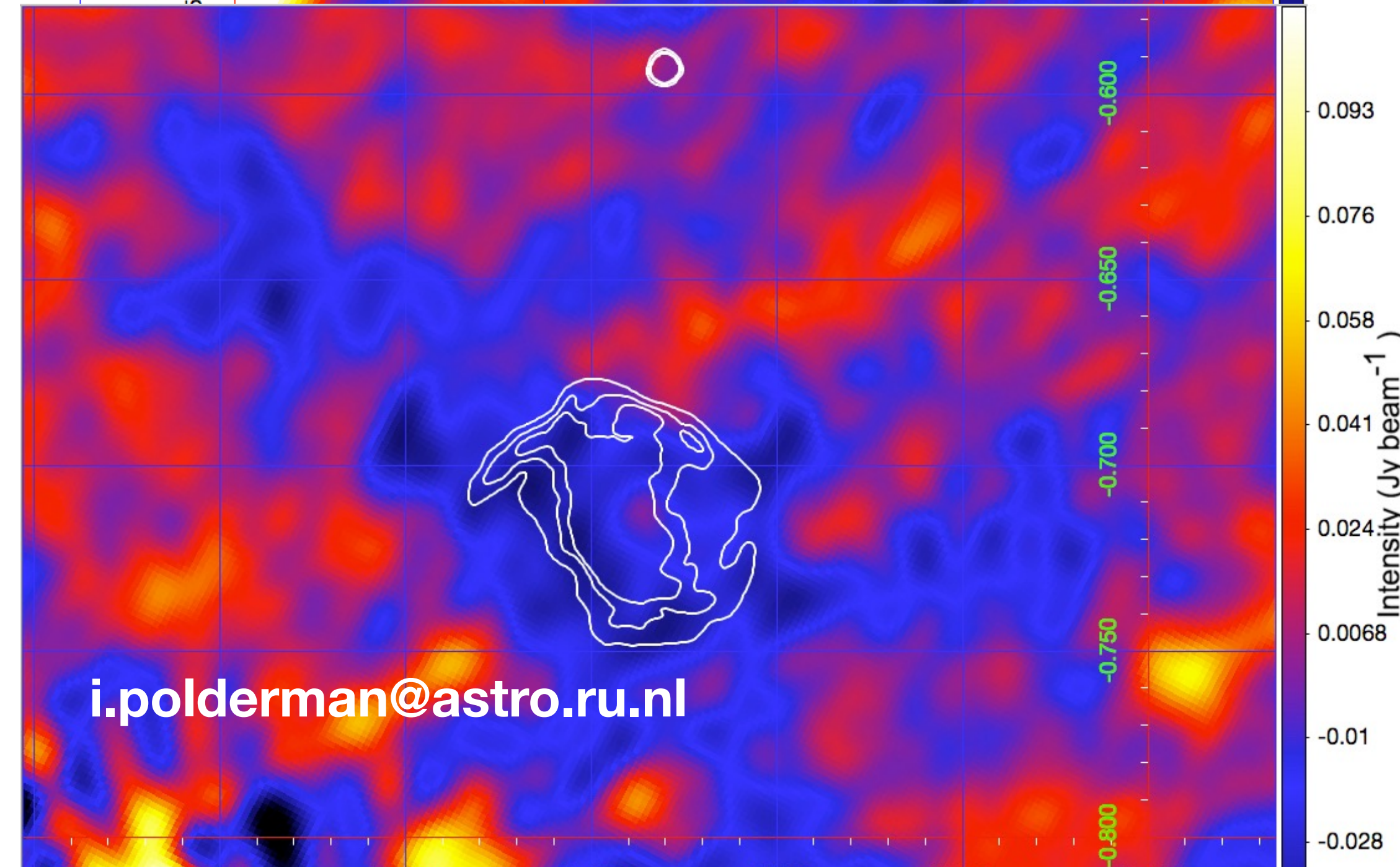


LBA Outer

4.6 hours

Noise:
13.8 mJy/beam

Sensitivity:
0.435 Jy/beam

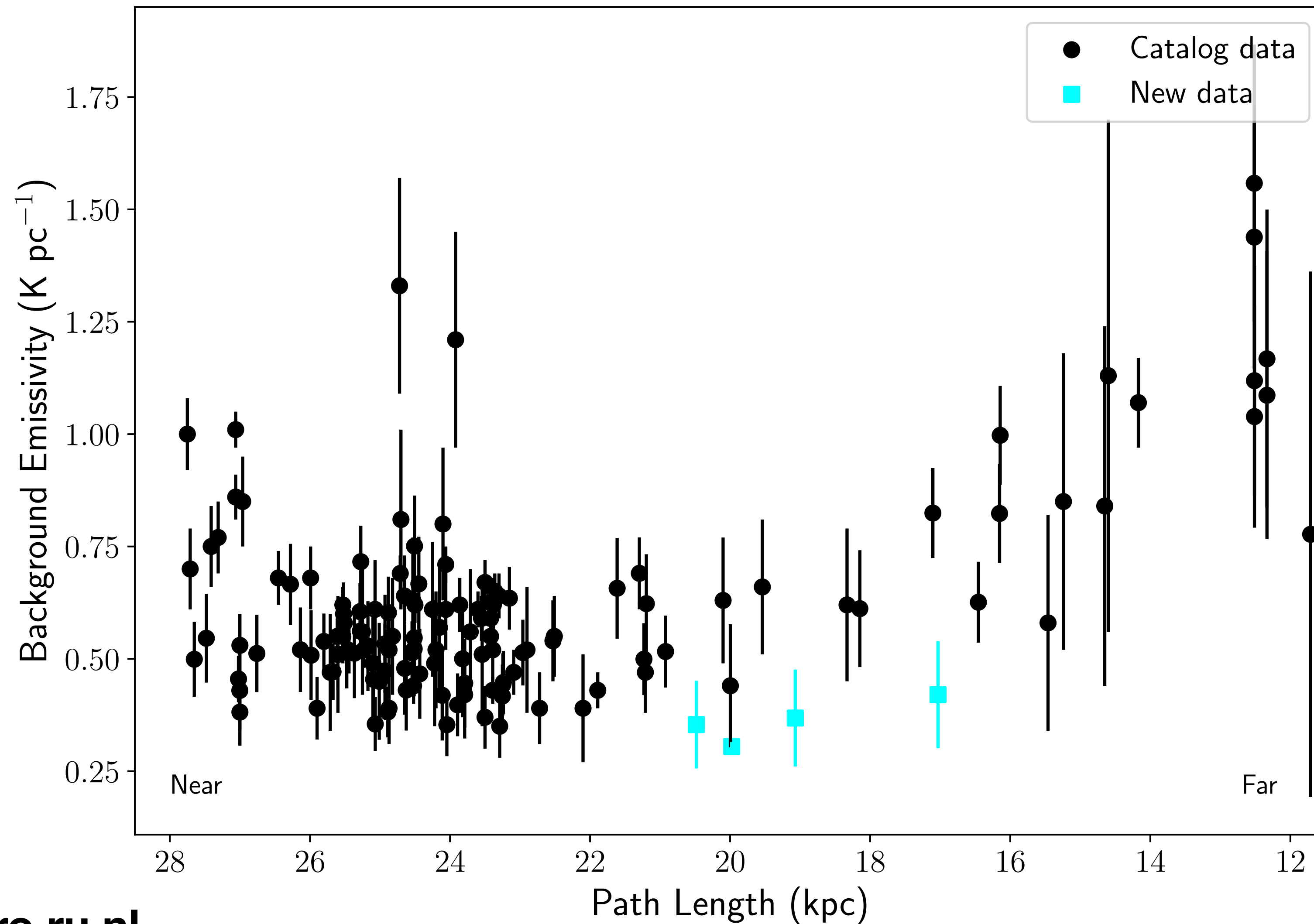


Resolution:
59"x60"

Central frequency:
55 MHz

i.polderman@astro.ru.nl

Synchrotron emissivity measurement with LOFAR



Constraining magnetic fields and cosmic rays

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