

## **Extra-Galactic Field Surveys with FIRST: Practical Considerations**

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We discuss some of the practical considerations that need to be made in the design of extra-galactic field surveys using FIRST. In particular we discuss the factors that need to be taken into account in selecting the survey fields. The final choice of fields will be influenced by the location of other surveys that are currently being planned; so it is vital that the FIRST community begin debating this issue now. We consider the possible sizes and depths of survey fields and the merits of covering fields at both PACS and SPIRE wavelengths in order to meet many of the scientific objectives of the FIRST mission. Finally we investigate the various limitations that confusion noise imposes on possible FIRST surveys and the benefits of super resolution techniques.