

# Building Segmentation Using Graph Cut

LI Jia, XU Minmin

Telecom ParisTech

## 1 Introduction

## 2 Approach

### 2.1 Semi-automatic Segmentation : GrabCut

### 2.2 Automatic Foreground-Background Windows Selection

Shadow Mask test!

Vegetation Mask

Fuzzy Landscape

Region of Interest

First Level Partition

## 3 Experience

### 3.1 Synthetic Test

### 3.2 Performance and Parameters' Influence

## 4 Conclusion