

UNDERSTANDING THE SPACE

USER ANALYSIS FOR ESTABLISHING A CARTOGRAPHIC INFRASTRUCTURE FOR
SCHEMATIC NAVIGATION MAPS

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Motivation

- ✦ Schematic maps for a navigation on small displays
- ✦ A model for interactive definition of the route
- ✦ To overcome narrowness of navigation

Steps

- Explain the route
 - Components establishment (order, direction, landmark)
 - Spatial context use
- Prepare the route
 - use the components
 - visual arrangement of components
- Use the route
 - expresion of the position
 - evaluate

Remarks

- ✦ model modification
 - ✦ orientation point, landmark, link, patch
 - ✦ landmark dependency - attributes, arrangement
 - ✦ variability of landmarks
 - ✦ landmarks identification
- ✦ gender aspects
- ✦ spatial context appearance