



Universität St.Gallen

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Smart navigation to make us wise

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We daily make time critical and societally relevant decisions on the go, using smart, mobile assistive geographic information displays (GIDs). How should the GIDs of the future look like, to avoid what others have coined “the technological infantilizing of society”, that is, the reduction of our capacity to still make wise decisions without smart technological assistance? I will highlight ongoing empirical research on human and context re-

sponsive GIDs used in the lab and in the wild, capitalizing on ambulatory human behaviour sensing methods (i.e., eye tracking and EEG measurements). Based on collected empirical evidence and supported by cognition and vision theories we are guiding the process of designing smart human, task, and context responsive geographic information interfaces supporting wise navigation decisions of smart urban wayfinders.



<https://visualizegeo.info/website/index.html>

From insight to impact.

