WALK21-VI EVERYDAY WALKING CULTURE Zurich, Switzerland, September 22-23, 2005 Submission of Abstract	*Abstract-Nr.* *(Please leave empty)*

DESCRIPTION OF PRESENTATION (500 words maximum)

Proposed Title

Supporting Walking Policy with automatic counting of flows

Name, affiliation and contact information including e-mail address

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Please indicate under which theme you wish your proposal to be considered

1-C   How to turn visions of a new walking culture into political practice?

Context, aim, methodology, results and main conclusions of the work to be reported

It is crucial to set-up some data-collection schemes of pedestrian movement in order to implement walking-oriented strategies in planning process. However, most research in urban/transport planning field has been focussed on motorised transport to the exclusion of other modes. Particularly, very little attention has been paid to record the numbers, flow and behaviour of people on foot. Thus, this presentation aims at providing a critical review of the range of technologies now available for local authorities who want to monitor pedestrian flows. In this study, current attempts to develop automatic pedestrian observation systems are outlined and major technical problems that they need to solve are explained. Feasibility and suitability of existing technologies when collecting data on a large scale at various sites in urban areas is also discussed to make some recommendations as to how local authorities can develop their own vendor neutral monitoring systems.

Type of presentation (e.g. plenary, panel discussion, breakout or meet-the-expert session)

Breakout or Plenary

Form of presentation (lecture, Powerpoint presentation, film etc.)

Power point presentation

QUALIFICATIONS OF THE AUTHOR(S) (100 words maximum)

A biography of the author(s)

Kay Kitazawa gained a BSc in Behavioural Science from the University of Tokyo in 2000. Following this she obtained an MSc in Environmental Science, an interdisciplinary research area between engineering, computer science, architecture and social sciences, from University of Tokyo in 2002. She remained at University of Tokyo until she became a researcher and a PhD student in Centre for Advanced Spatial Analysis, University College London in 2003.
Her research interests include computer modelling of pedestrian's spatial movement, multi-agent based simulation of retail behaviour, and development of urban remote sensing systems to measure walking patterns.