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CALL FOR PAPERS

Title of the paper

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Joined VKE (now VelaVKE) in 1975. At first in the geometric design section and then the traffic and transportation section since 1982. Involved in regional modelling since 1989 firstly with UTPS and then EMME/2.

AUDIOVISUAL SUPPORT NEEDED

(A PC with Office XP, a projector, and a microphone will be provided. Please mention any other needs.)

ABSTRACT (500 words)

This paper is based on work done as part of an MSc dissertation.

The paper begins with a brief introduction of the classical example of Braess' paradox.

Two other paradoxes found in the literature are also described.

The remainder of the paper presents some aspects about Braess' paradox from the literature and analyses similar situations in real-world networks using EMME/2. Aspects that will be discussed include the following:

- How prevalent is Braess' paradox?
- If a link shows Braess' paradox, will it always do so?
- A possible measure to eliminate Braess' paradox
- Which links showing Braess' paradox should be removed from the network?

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