



INTERNATIONAL

INVITED SESSION SUMMARY

Title of Session:

Decision Making Theory for Economics

Name, Title and Affiliation of Chair:

Professor Eizo Kinoshita

Meijo University, Japan

Co-chair:

Professor Takao Ohya

Kokushikan University, Japan

Details of Session (including aim and scope):

Economics has two academic fields.

One is Micro Economics. The other is Macro Economics.

Micro Economics means Consumer Behavior and Evaluation.

Macro Economics means Economic Policy.

The aim of this session is to present recent advances in Decision Making Theory for Micro and Macro Economics.

1) Decision Making Theory for Micro Economics:

This session compares Dominant AHP/Concurrent Convergence

Method (CCM), proposed by Kinoshita and

Nakanishi, with AHP/Analytic Network Process (ANP), proposed by Saaty, and presents the calculation Methods the mathematical structure of the former in the

process and an application of feasibility study. Ohya and Kinoshita focused on

pairwise comparisons that appear in the evaluation process of the Dominant AHP

and CCM, and proposed a superpairwise comparison matrix (SPCM) to express

these pairwise comparisons as a single pairwise comparison matrix.

2) Decision Making Theory for Macro Economics:

“Thetical Economy and Antithetical Economy in MacroEconomics”

, which has been proposed by Kinoshita, we have two different, mutually exclusive economic phases to deal with. Viewing from the perspectives of OR

, the two phases have their respective theorems. The theorem in the

thetical economy is Say's Law and the theorem in the antithetical economy is the

principle of effective demand

. The papers dealing with innovations in Decision Making Theory for Micro and

Macro Economics are welcome

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

Website URL of Call for Papers (if any):

Email & Contact Details:

kinoshit@meijo-u.ac.jp

Graduate School of Urban Science, Meijo University

4-3-3, Nijigaoka, Kani, GIFU 509-0261, JAPAN