



17th International Input-Output Conference

TITLE: SAM-BASED MODELLING FOR POLICY AND SCENARIO ANALYSIS

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KEYWORDS: SOCIAL ACCOUNTING MATRIX ; SAM-BASED MODELLING ; MACROECONOMIC MODELLING ; POLICY ANALYSIS ; SCENARIO ANALYSIS

PAPER CONFERENCE CODE: 113

FULL PAPER IN CD?: NO

ABSTRACT:

A scenario will be constructed to simulate a policy measure represented by the introduction of a shock into the transfers from government to households. For the analysis of this scenario, macroeconomic aggregates and balances, as well as structural indicators of the distribution and use of income, will be calculated from numerical and algebraic versions of a Social Accounting Matrix (SAM). The numerical version of the SAM will be constructed from the System of National Accounts (SNA). Two algebraic versions will be constructed of that same matrix: one version will consist of accounting multipliers; the other version will be a so-called SAM-based model, in which each cell will be defined with a linear equation or system of equations, whose components will be all the known and quantified transactions of the SNA, using the parameters deduced from the numerical SAM that served as the basis for this model.