

WORKSHOP ANNOUNCEMENT

The First Workshop on Information Systems and Economics

December 3, 1989
Cambridge, Massachusetts

Theoretical and methodological tools from economics are becoming increasingly relevant to information systems research and can contribute to our understanding of the impacts of information technology on the elements of the economic system. As the number of information systems researchers working at the intersection of the information systems and economics disciplines has been increasing, it has become increasingly important to establish an identity for this research area, promote communication and awareness among researchers, and discuss issues of mutual importance, such as relevant developments in economic theory, directions for the field and research quality standards.

In recognition of the above needs, the Organizing Committee of the Workshop on Information Systems and Economics (WISE) invites researchers to participate in a workshop addressing the use of theory and research methods from Economics to address theoretical and applied questions in the Information Systems discipline.

Areas of interest: All aspects of theory and research in information systems that are related to economic theory or methodology are appropriate for this workshop. Specific areas of interest include:

- Information economics and the value of information in decision-making.
- Economic/econometric models of information system characteristics: establishing the value of information systems, projecting cost/performance trends for the technology, information system product/service distinctions, etc.
- Information acquisition costs and the efficiency of market and hierarchical organizations.
- Information systems and industrial organization theory: implications of capital investments in information systems for strategic behavior (e.g., switching costs, entry costs or barriers of entry associated with information system investments).
- Economic models of intra-organizational and inter-organizational information systems.
- The impact of information technology on organizations and markets, using models from transaction cost theory and agency theory.
- Agency theory approaches to explain the corporate role of the I/S department: end-user computing, data processing budgets, etc.
- Econometric models of information systems development and maintenance: evaluation of new tools and methodologies, measures of productivity and other economic impacts.

Program: This workshop intends to discuss recent and current unpublished work or new research topics. Completed work to be presented at ICIS later in the week should not also be presented here. The workshop is expected to consist of 45-minute sessions which will follow a presentation-discussion-rebuttal-open discussion format. The workshop will also include panel discussions and addresses to the workshop by distinguished researchers in the fields of information systems and economics.

Submissions: Prospective participants should submit a two-page extended outline of their papers or presentations by July 1, 1989. Acceptance notifications will be mailed on or before September 1, 1989. Authors may submit papers under publication consideration elsewhere and will retain ownership of their papers.

For more information please contact the workshop coordinators: Yannis Bakos, UC Irvine and Chris Kemerer, MIT (e-mail: bakos@gsm.uci.edu and ckemerer@sloan.mit.edu; tel: 714/856-8211 and 617/253-2971)