



January 4-7, 2011, The Grand Hyatt Kauai Resort & Spa, Koloa, Kauai, Hawaii.

Track: Organizational Systems and Technology

Minitrack: Communication Networks

Communication networks stems from the study of social networks, which is a branch of systems sciences and complex systems. Communication networks can be defined as the patterns of contact that are created by the flow of messages among entities through time and space. Communication network analysis identifies the communication structure shaped by the flows of information or other material/nonmaterial resources. Such flows are being increasingly mediated by information technology, and one of the outcomes of mediated communication networks is social networking, which represents a parallel but unique area of research focusing on the utilization ones communication network. As such, the current minitrack focuses on the structures and patterns of association that emerges from the flow of information, broadly defined, and is particularly well suited for dynamic network data. Units of analysis and form of flow are scaleable, and this track welcomes a wide range of communication network conceptualizations.

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Devan Rosen (PhD, Cornell University) is currently Assistant Professor of Speech at the University of Hawaii at Manoa, and has published on topics including social network analysis, self-organizing systems, and computer-mediated communication. Professor Rosen's research focuses on decentralized communication networks, communication technology, and culture.

George A. Barnett (PhD, Michigan State University) is Professor and Chair of the Department of Communication at the University of California - Davis. Currently, he is President of the International Network of Social Network Analysts. Professor Barnett's research concerns structural models of the role of communication in social and cultural processes.

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