



## *Call for Papers for a Special Session on Online Social Networks*

World Wide Web has spawned a new dynamic field of online social networks (OSN). OSNs, such as *Myspace*, *Facebook*, *Orkitz* (from *Google*) allow users to build personal virtual communities, form relationships, share knowledge, and manage and extend their interests. OSNs exhibit properties similar to small-world and scale-free networks. Analysis of social networks can reveal interesting properties, such as six degrees of separation and power law in node proximities. In addition, an understanding of characterizations of networks can help predict when a certain type of network will exhibit resilience to the loss or failure of nodes (or loss of key friendships in social networks). For example, scale-free networks are more robust to node failures than random networks, however they are vulnerable to accidental failures or targeted attacks on hubs. Privacy and security issues in OSNs represent a new challenge, both from technical and social perspective. This special session invites research and applications papers that analyze the structure, dynamics, design, development, and operation of OSNs.

Topics of interest include but are **not** limited to the following:

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|---|--|
| Analytics of online social networks                       | Online social networks as small-world and scale-free networks          |
| Structural and communications characteristics             | Social networking software   |
| Security and Privacy                                      | Leveraging online social networks for personal and professional growth |
| Social issues and teenage use                             |  |
| Interoperability between different online social networks |  |

**Paper Submission:** Prospective authors are invited to submit papers of no more than **twelve pages** including results, figures, and references; submission details can be found on the submission website: <http://www.jiit.ac.in/jiit/ic3>

**Location:** Jaypee Institute of Information Technology University, A-10, Sector 62, Noida-201307, U.P., India.

For further information regarding the session, please contact:

**Session Chair:** Dr. Vir V. Phoha, Computer Science, Louisiana Tech University, LA, USA.

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**Conference General Co-Chairs:** Dr. Sartaj Sahani, University of Florida, FL, USA and Sanjay Goel, Jaypee Institute of Information Technology University, India

