## Contents

**Research**

- The Eighth International Conference on Digital Information Management (ICDIM 2013)

   - The Fifth International Conference on the Applications of Digital Information and Web Technologies
      (ICADIWT 2013)

   - The Second Symposium on Nature Inspired Computing and Applications (NICA) @ AISB 2013

**Editorial**

Higher bandwidth in Wireless Mesh Networks is required for many applications and it calls for proposing framework for effective management of bandwidth. *Pradeep Reddy* and *Venkata Krishna* in their paper on **"***An Efficient Bandwidth Management Framework for Wireless Mesh Networks*" made use of the concepts of cross layer design and ant colony methods with proposition.

Traffic Engineering tools ensure high performance of network optimization and provide good traffic delivery. *Phayung Meesad* and *Pongsarun Boonyopakorn* in their paper on "*The Online Plancement Optimization Design for a Service Network in IP Networks***"** have addressed the canalization of performance problems found in IP networks, to maximize the admitted traffic flow transmission without delay violations. The solution approach they offered has provided effective inputs.

Ortega, V. A. Bettachini and Alvarez-Hamelin in their paper on "*CDMA Time-hopping Optical Network with Enhanced Security"* have implemented a method to provide cryptographically secure point-to-point and point-to-multipoint communication using an encrypted Bloom filter. Their system has exhibited total channel utilisation they claim.

Another paper on wireless networks by *Ousmane Abdoulaye Oumar, Ming Fei Siyau* and *Tariq Sattar* has investigated and compared the Multiple Signal Classification (MUSIC) and Estimation of Signal Parameters via Rotational Invariance Technique (ESPRIT) algorithms in terms of the Angle of Arrival (AOA), Time of Arrival (TOA), Time Difference of Arrival (TDOA) and Received Signal Strength (RSS). They claim that the MUSIC and ESPRIT algorithms offer attractive solution to many parameter estimation problems.

The research presented in this issue, we hope is productive and innovative.

*Editors*