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## Editorial

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**Biographical notes:** Sabu M. Thampi is an Associate Professor at IIITM-K, Trivandrum, India. He is the Group Leader of Intelligence and Security Informatics Research Group at IIITM-K. He received his PhD in Computer Engineering from National Institute of Technology Karnataka. His research interests include network security, terrorism informatics, bio-inspired computing and distributed computing. He has authored and edited few books and published several papers in academic journals and proceedings. He has served as Guest Editor for special issues in several journals and, Chair and programme committee member for many events. He is serving as reviewer and editorial board member of many international journals. He is a member of IEEE, IEEE Communication Society and ACM. His name has been included in 'Marquis Who's Who in the World'.

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The behaviour of autonomous agents is mostly uncertain in open distributed systems such as internet. This will finally affect the welfare of other agents in the system. The widely used trust management helps to reduce risk and guarantee the network activity of benign entities in such systems. Role of trust management is to maximise trust between the agents and thereby provide a basis for cooperation to develop. Trust management remains an active research area. Many exciting research issues are yet to be fully explored. *IJTMCC* provides a vehicle to help academics, professionals, researchers and policy makers working in the field of trust management and allied areas to disseminate information and to learn from each other's work.

We are honoured to feature five articles for this inaugural issue of *IJTMCC*. The article 'A trust model-based analysis of social networks' analyses the sustainability of social networks. The paper introduces the concept of engagement trust and combines it with the popularity trust to derive the social trust of the community as well as of individual members in the community.

The second paper, 'Privacy aware publication of surveillance video' proposes computational models for privacy loss and utility loss and study the trade-off between them with respect to various data transformation functions.

The third paper, 'An interdisciplinary approach to accountability for future internet service provision' explains how accountability can be a basis for providing trust in cloud services and how it can deliver solutions that can guarantee that different agents can participate in the future cloud ecosystem with confidence.

The next paper, 'EDARD: efficient data access based on rumour dissemination in wireless sensor networks' presents a rumour dissemination protocol that ensures an

uniform information distribution for enhancing data accessibility in wireless sensor networks.

The last article, ‘Trust and context view-based knowledge sharing in MANets’ proposes a trust and context view-based knowledge sharing system to coordinate various activities of a group of users. Cooperation in the system is ensured by awarding trust and reputation based incentives to the users.

We hope that readers will enjoy reading these articles and find them valuable. The readers are encouraged to contact the authors, if they need any additional information about their works presented.

We would like to thank all authors, reviewers, and members of the editorial board of *IJTMCC*. Our special thanks go to the publishing editors Dr. M.A. Dorgham, Darren Simpson, Jim Corlet and Liz Harris for their continuous support and assistance. Special issue proposals on important areas are also welcome. Finally, we welcome your contributions and encourage your libraries to subscribe *IJTMCC*.