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**Special Session Call for Papers**  
**International Symposium on Computer, Consumer and**  
**Control, 2014**

**Special Session organizer:**

Prof. Chuan-Ming Liu

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**Session name: *Recent Trends on Data Engineering***

As the technologies on computers, communications, networking and information advance, different new computing platforms and environments emerge, such as cloud and P2P computing environments, as well as the data has dramatically changed in form and size. There is thus a need on the new engineering techniques and methodologies for analyzing, processing, indexing, mining, searching, management, and retrieval of data. The objective of this special session is to provide researchers and practitioners from academia and industry a forum to discuss new issues and directions for research and development work on data engineering and establish new collaborations in the related areas.

This special session is dedicated to address the challenges in recently advanced data-intensive systems and applications, including database, information retrieval, data mining and knowledge management, and data analysis. We look for significant contributions to the advances on data and information engineering in theoretical and practical aspects and invite the submission of original research contributions and industrial papers. Topics of interest include but are not limited to the following:

- Spatial, temporal, multimedia and scientific databases
- Data mining and management on social networks
- Data management in cloud computing
- Uncertain data management

- Storage, indexing, and physical database design
- Query processing and optimization
- Streams, sensor networks, complex event processing
- Data analysis in data-intensive systems and applications
- Security, privacy, authenticated query processing
- Knowledge discovery, data mining, clustering

Prospective contributors are invited to submit their paper to Prof. Liu by email [cmliu@csie.ntut.edu.tw](mailto:cmliu@csie.ntut.edu.tw). All presented papers will be published in the conference proceedings and the excellent papers will be recommended for publication in the special issue of an SCI Journal.