

Call for Workshop Proposals

In conjunction with the 12th IEEE International Conference on Cloud and Big Data Computing(CBDCom 2015)

August 10-14, 2015, Beijing, China

<http://www.cybermatics.org/SWC2015/CBD/CBD2015.htm>

"Cloud" is virtual computing resources, which realize self maintenance and management, usually in the form of some large server cluster, including computing servers, storage servers, bandwidth resources and so on. Virtualization, the expansion of the dynamic and scalable, the distributed mass data storage and management, flexible service are main technologies of Cloud Computing. There are still many challenges in Cloud Systems and Platform, Cloud Computing, Database, Virtualization, Reuse and Elasticity Problems.

Big Data overall architecture consists of three layers: data storage, data processing and data analysis. Data storage layer stores complex type and mass data, data processing layer realizes real-time processing of massive data, and only through data analysis layer, smart, in-depth and valuable information are got. Big data processing key technology generally includes: data acquisition, data preprocessing, data storage and data management, data analysis and mining, big show and application (big data retrieval, data visualization, big data applications, data security, etc.).

CBDCom 2015 workshops will complement and enrich the research topics of the main conference by focusing on 1) the emerging challenges and issues related to cloud computing and big data, and 2) the latest research ideas, technologies or work in progress. This is a unique opportunity for researchers and industry practitioners to shape the future cloud computing and big data research landscape and/or share the initial original research results and practical development experiences of ongoing work.

Workshop proposals should contain the following information:

- The title of the workshop, including both full name and abbreviation
- The objectives, scope, and contributions to the main conference (up to 1 page)
- The short bios of the key organizers and their experience on conference/workshop organization
- The procedure for selecting papers, plans for dissemination (e.g., how to advertise and special issues of journals), and the expected number of participants
- A tentative list of program committee members
- The (tentative) website/URL of the proposed workshop
- If the proposed workshop has been previously organised, please also briefly describe its history (e.g., number of submissions and accepted papers, attendance.)

Workshop organizers are responsible for forming program committees, circulating call for papers, organizing submission and review, and planning the final program. CBDCom 2015 Workshop Co-chairs will assist the organization of workshops and ensure their quality and success. The registration fees for workshops will be determined by the conference (not the workshop itself), which will be paid to the

conference directly. The conference will provide workshop facilities including the working notes printing, the meeting room, coffee break, lunch, proceedings, etc.

Approved workshops should strictly follow the important dates, particularly the paper status notification and camera-ready dates (refer to the rough timeline below). The paper submission deadline could be after that of the main conference so that some good papers from the main conference can be picked up by relevant workshops. However, sufficient time, e.g. 3-4 weeks, should be planned and allocated for peer reviews. Each paper should be reviewed by roughly three experts in the corresponding areas.

Workshop papers should be no longer than 6 pages and follow the same paper submission guidelines for the main conference papers. Accepted workshop papers will be included in the proceedings published by IEEE-CS Conference Publishing Services (submitted to the IEEE-DL and EI index).

Please email your stimulating workshop proposals in PDF format by April 10, 2015 to the workshop co-chairs: Qinghua Lu (dr.qinghua.lu@gmail.com), Xi Guo (xiguoustb@hotmail.com), Ioan Toma (ioan.toma@sti2.at), Vaskar Raychoudhury (vaskafec@iitr.ernet.in), Jaime Lloret Mauri (jlloret@dc.com.upv.es). Please use "CBD2015 workshop proposal" as the email subject.

Important Dates for UIC Workshops

Workshop Proposal Due:	April. 10, 2015
Workshop Proposal Acceptance/Rejection Notification:	Within 1 week after Proposal Submission
Paper Submission Deadline, Notification, Camera-ready Manuscripts	To be decided by individual workshops
All Workshops' Final Camera-ready Papers Due:	June 10, 2015