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**ACM/Springer Mobile Networks & Applications (MONET)**  
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**SPECIAL ISSUE ON**  
**Special Issue on Mobile Recommendations for Location-based Services and Social Networks (MSN)**

**Overview:**

In recent years, more and more geo-labelled data are available benefit from advanced hardware (positioning systems, environmental sensors), software (standards, tools, network services) and the ever-growing mentality of sharing (crowdsourcing for geographic tagging). Based on human activities, many daily web/App services (Facebook, Tweeter, and Foursquare) generate data and traces that are often transparently annotated with location and contextual information. And such services make it easier to collect and combine rich and diverse information about locations. Exploiting geo-labelled data provides a tremendous potential to materially improve existing and offer novel types of recommendation services. Those recommendation services bring benefits for many domains, including social networks, marketing and tourism.

Many core challenges are involved to fully exploiting geo-labelled data. The main challenge is to combine ideas and techniques from various research communities, such as recommender systems, data management, geographic information systems, social network analytics, text mining. Bringing together researchers and practitioners from these communities, this proposal aims at providing a platform for discussing in depth and collecting feedback about challenges, opportunities, novel techniques and applications. This proposal is about providing recommendation services over geo-labelled data, where locations play as either part of the recommended object, or part of the recommendation process.

**Topics**

We solicit original contributions of research or survey papers addressing the following non-comprehensive list of topics:

- Mobile location-based social networks and advertising
- Mobile recommendations for locations, events, venues, travel
- Mobile extracting preferences, tips, ratings, patterns, habits
- Modeling geo-social influence of Mobile users and locations
- Mobile location-aware viral campaigns
- Geo-spatial humanities
- Historical geographical information systems
- Spatial-temporal social network analysis in the humanities
- Text geo-parsing and other NLP techniques for geographical text analysis
- Mobile Tourism recommendations
- Social-group trip planning and recommendations
- Mobile recommending travel destinations, hotels, routes, and points of interest
- Automatic guide and tour generation for Mobile social networks
- Exhibition arrangement under Mobile networks
- Mobile location as context recommendation system

- Collaborative filtering vs. content-based recommendation system
- Mobile Case and empirical studies
- Understanding Mobile location-based social networks
- Mobile user preference/mobility modeling and analysis
- Mobile user similarity computing based on locations
- Mobile friend recommendation and community discovery

### **Important Dates**

- Manuscript submission deadline: Jan. 20, 2020
- Notification of acceptance: Apr. 5, 2020
- Submission of final revised paper: May 5, 2020
- Publication of special issue (tentative): Jun. 5, 2020

### **Submission Procedure**

Authors should follow the MONET Journal manuscript format described at the journal site. Manuscripts should be submitted on-line through <http://www.editorialmanager.com/mone/>.

Papers accepted by ChinaCom 2019 must be presented at the conference by one of the authors. This is a pre-condition for your paper to be further considered for publication in a special issue in MONET on MSN. The revised version must have about 50% additional content compared to the conference paper.

Other Paper via CFP should be original work and has not been submitted or will not be submitted elsewhere without a notification/explanation.

Papers will be evaluated on their merits, contribution to the service/cloud computing field, suitability to the special issue, and overall quality. All papers will be rigorously referred by MONET reviewers. Submission of a manuscript to this special issue implies that no similar paper is already accepted or will be submitted to any other conference or journal.

A copy of the manuscript should also be emailed to the Guest Editors at the following email address: [gaohonghao@shu.edu.cn](mailto:gaohonghao@shu.edu.cn).

### **Guest Editors:**

**Prof. Honghao Gao, Shanghai University, China**

**Prof. Jianwei Yin, Zhejiang University, China**

**Prof. Yuyun Yin, Hangzhou Dianzi University, China**



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Mobile Networks and Applications

The Journal of SPECIAL ISSUES on Mobility of Systems,

Users, Data and Computing

Editor-in-Chief: Chlamtac, I.

ISSN: 1383-469X (print version)

ISSN: 1572-8153 (electronic version)

Journal no. 11036