

Preface

Social media greatly facilitate the creation, delivery, and consumption of online content. Huge amounts of user-generated content are spread in social media platforms, offering us an unprecedented opportunity to study human society, including collective behavior modeling, user profiling, sentiment analysis, information propagation, network analysis, and many other tasks. Meanwhile, social media processing requires the integration of computer science and social science. The 6th National Conference on Social Media Processing (SMP 2017) was held in Beijing, China, in 2017, with the purpose of promoting original research in mining social media and applications, bringing together experts from related fields such as natural language processing, data mining, information retrieval, and social science, and providing a leading forum in which to exchange research ideas and results in emergent social media processing problems.

In this year, we received 140 valid submissions in total, a new record for SMP conferences. These submissions were divided into seven tracks according to their topics, including SMP-KDD (knowledge discovery from data), SMP-NET (social networks), SMP-NLP (natural language processing), SMP-SENT (sentiment analysis), SMP-SOC (computational social science), SMP-CCC (computational communication), and SMP-PRO (user profiling). Each track had two area chairs who were responsible for giving meta-reviews and decision suggestions for each paper in the track. Each paper was peer reviewed by at least three members of the Program Committee (PC) composed of international experts in natural language processing, data mining, information retrieval, complex network, and social sciences.

The PC members together with the area chairs worked hard to select papers through a rigorous review process and via extensive discussions. The competition was very tough; only 28 English papers were accepted. The conference also featured invited talks from outstanding researchers in social media processing and related areas: Tong Zhang (Tencent AI Lab), Shuicai Shi (TRS corporation), Tiejian Liu (Microsoft Research of Asia), Jie Tang (Tsinghua University), Wei Wang (University of California, Los Angeles), Tao Zhou (University of Electronic Science and Technology of China), Bing Qin (Harbin Institute of Technology), and Tianguang Meng (Tsinghua University).

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Organizing Committee for their dedicated efforts. Last but not least, we sincerely thank all the authors, presenters, and attendees who jointly contributed to the success of SMP 2017.

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