

Web, Big Data & Analytics (WEDA)
Selected Best Papers from
IEEE COMPSAC WEDA Symposium 2016
IEEE Transactions on Big Data Special Issue

The Web, Big Data & Analytics (WEDA) Symposium is an integral part of the IEEE COMPSAC main conference. Complementing the COMPSAC theme, WEDA uniquely positions itself as a forum for both researchers and practitioners in Web Technologies, Big Data, Data Science, e-Science and Data Analytics. It aims to discern emerging and genuinely challenging issues and brainstorm about robust solution strategies as well as advocate novel applications. WEDA has invited authors to present recent findings, innovations, theories, experiences, and ideas. Technical contributions accepted by WEDA will likely cover theory, applications, pragmatics, systems and services enabled by the Web, underlying technologies, big data, data science, e-science, and concomitant big data analytics. The goal of WEDA is to deepen the understanding of, fostering innovation in, and defining the future of its interest domain.

In collaboration with the IEEE Big Data Initiative (BDI) and IEEE Transactions on Big Data, WEDA will invite the authors of the best accepted papers presented at COMPSAC to write expanded papers for the WEDA Special Issue in the IEEE Transactions on Big Data.

Guest Editors

Kathy Grise, IEEE, USA

Phillip C.-Y. Sheu, University of California, Irvine, California, USA

Mei-Ling Shyu, University of Miami, USA

Duygu Celik, Istanbul Aydin University, Turkey

Atilla Elci, Aksaray University, Turkey

[COMPSAC](#) is the [IEEE Computer Society](#) Signature Conference on Computers, Software, and Applications. The theme of the 40th COMPSAC is Connected World: New Challenges for Data, Systems, and Applications. Our world becomes more and more connected every day, with billions of computer applications, devices, and services interacting globally to make our lives safer, convenient, and more enjoyable. Computations, as well as sharable data and applications, are becoming available everywhere. This explosive growth brings us closer together and requires innovative technical solutions. With the rapidly shrinking gap between cyber and physical domains, we face many new challenges and new opportunities for computers, software, and applications. COMPSAC 2016 will provide a platform for in-depth discussion of such challenges both in traditional and in emerging fields such as smart and connected health, wearable computing, the Internet of Things, cyber-physical systems, social networking, and the smart planet.

[IEEE Big Data Initiative](#) (BDI) is an IEEE-wide initiative that is focused on data. Data has become an important area of research and applications in recent years in all application areas, including, business applications, health sciences, high energy physics, astronomy and satellite data, weather and climate forecasting and others. Especially for scientific research, it has the potential of being able to extract important facts from experimental data using advanced data mining techniques. IEEE, through BDI, is uniquely positioned to advance and foster efforts in conferences, education, outreach, publications, standards, and development of new applications in data analytics, visualization, and repositories.