Message from the FASES 2016 Workshop Organizers

With e-commerce and online advertising now exceeding one trillion USD per annum, the sharing economy on the rise, and the emergence of the Internet of Things, the design and implementation of novel solutions for privacy preservation, integrated identity management and reliable and user-friendly authentication and authorization mechanisms is more pressing than ever.

Current online services are opaque with respect to data gathering and processing and rely on the password-based concept (developed in the 60’s) do not meet the requirements and expectations of users and do not leverage the potential of existing technologies.

Although some important steps have been made in resolving fundamental challenges in these areas, new paradigms for transparency, privacy, authentication, authorization and access control are needed. The next generation online services need to facilitate robust access control, safe e-commerce and sharing transactions. At the same time such services should provide an adequate level of transparency on the utilization of user data as well as guarantee a privacy-preserving data processing, sharing and storage.

FASES workshop has been jointly organized by the EU-H2020-TYPES and the EU-H2020-ReCRED in order to create a forum of discussion around current issues identified within the context of the European Union.

The proceedings associated to the FASES workshop include seven papers describing novel sophisticated solutions in the areas of data transparency, privacy, authentication, authorization and access control, aiming to define the common basis for the development of next generation of online services.

Christos Xenakis, University of Piraeus, Greece
Nikos Passas, University of Athens, Greece
Francesco Bonchi, ISI Foundation, Italy, and Eurecat, Spain
FASES 2016 Workshop Chairs

Michael Sirivianos, Cyprus University of Technology, Cyprus
Angel Cuevas Rumin, Universidad Carlos III de Madrid, Spain
FASES 2016 Workshop Technical Program Chairs