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# Internet Science

INSCI 2017 International Workshops  
IFIN, DATA ECONOMY, DSI, and CONVERSATIONS  
Thessaloniki, Greece, November 22, 2017  
Revised Selected Papers


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## Preface

This volume contains the papers presented at the four workshops co-located with the 4th International Conference on Internet Science (INSCI 2017), namely, the Second International Workshop on the Internet for Financial Collective Awareness and Intelligence (IFIN 2017) organized by the CAPS PROFIT project, the Data Economy Workshop: How Online Data Change Economy and Business, organized by NCSR Demokritos, International Hellenic University and University of Thessaly, the Workshop on Digital Technology to Support Social Innovation (DSI) organized by the CAPS projects: SOCRATIC, MAKE-IT and OPEN4CITIZENS, and the Conversations 2017 Workshop organized by SINTEF, CERTH, and University of Agder.

CAPS stand for Collective Awareness Platforms for Sustainability and Social Innovation, and is an EU initiative aimed at designing and piloting online platforms that create awareness of sustainability problems and offering collaborative solutions based on networks (of people, of ideas, of sensors), enabling new forms of social innovation. In line with this initiative, the PROFIT project is about an online platform that aims at promoting the financial awareness and capability of citizens through financial education, financial forecasting, crowdsourcing, recommendations, and engagement tools, in order to enable them to make more informed personal financial decisions, which from an open democracy perspective could also be conducive to more active forms of participation and citizenship. In a similar domain, the Data Economy workshop aims at fostering discussions related to how digital data, scattered in decentralized information systems and applications and being accessible via the Web, change the economy and the ways we do business. In line with the CAPS initiative, but with a different goal, the DSI Workshop on digital technology to support social innovation aims at collecting lessons learned from different CAPS platforms and settings and understanding the requirements and challenges for building and using digital platforms to effectively engage broad participation in the social innovation process. Last but not least, the Conversations 2017 Workshop aims to explore the brave new word of human–computer communication through natural language, gathering the latest developments in chatbots research and design.

This volume presents the research work on such and other related technologies and techniques that are being used for the provision of Internet platforms, targeting different application domains, as these were addressed in the four workshops, respectively.

The workshops took place on November 22, 2017, at the Centre for Research and Technology Hellas in Thessaloniki after the main open session of the INSCI conference, where each workshop was introduced by its representatives.

November 2017

Sotiris Diplaris  
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