Message from the ESAS Workshop Organizers

Welcome to the 10th IEEE International Workshop on Engineering Semantic Agents – E-Health Systems and Semantic Web (ESAS 2015), this time taking place in the Taichung, Taiwan, 5th July 2015. The IEEE International Workshop Series on Engineering Semantic Agent Systems (ESAS) has been held since 2006 in conjunction with Annual IEEE International Computer Software and Applications Conferences (COMPSAC). The ESAS Workshops Series focus on concepts, foundations and applications of semantic agent systems and intend to bring forward better practices of engineering them.

ESAS 2015 Workshop has the following complementary objectives:

i. Inquiring into the theory and practice of engineering semantic e-health systems, especially methods, means, and best cases;

ii. Exploring into unifying software engineering methodologies employed in implementing semantic applications across domains; and,

iii. Deploying new technologies in the fields of semantic intelligence, e-health systems, m-health systems and applications especially for distributed healthcare systems.

Semantic web technologies render dynamic, heterogeneous, distributed, shared content equally accessible to human reader and software agents. Here the vision is to achieve a synergy with multi-agent technologies whereby both semantics and agents will be in the center stage. ESAS 2015 Workshop aims at garnering the synergy of both technologies by taking up both the semantic web and the agent aspects of the common research issue in relation to E-health Systems.

This workshop and its proceedings were made possible by the precious efforts expanded by numerous dedicated people. First of all, we thank the authors who offered their papers for consideration. We are grateful to the members of our extensive International Program Committee for the expert opinion they provided so willingly. Last but by no means least we are truly indebted to the 39th IEEE COMPSAC Management Team for their support in maintaining ESAS’s association with COMPSAC again this year.

This year ESAS received 9 full submissions. Following the tradition of past ESAS workshops, each submission underwent a rigorous double-blind review process by at least 2 or 3 reviewers and was discussed by the workshop chairs. As the result of the process, we accepted 5 of the submissions as regular papers for inclusion into this year’s ESAS 2015 proceeding, published by IEEE CS.

During ESAS 2015 we expect to create a medium for lively discussion and exchange for experts from the fronts of agent-based, ontology-based, and semantic intelligence systems.

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