Editorial

We are delighted to present this Special Issue of the Artificial Intelligence Journal on “Artificial Intelligence, Wikipedia and Semi-Structured Resources”. This issue aims at providing a comprehensive picture of the state of the art of research that exploits semi-structured resources for Artificial Intelligence (AI) and Natural Language Processing (NLP). We focus primarily on Wikipedia as a case in point of this research area – since Wikipedia is the largest and most popular collaborative and multilingual resource of general world and linguistic knowledge, containing unstructured and (semi-)structured information.

The feedback we received from the research community for this Special Issue was enormously positive, with 71 submissions received overall. These 71 papers all underwent an extremely rigorous selection process, carried out by an army of more than 150 reviewers who, together with the Artificial Intelligence Journal editors, made it possible for us to guarantee the highest standards. Thanks to this, the papers we were able to select for inclusion all contain top-research contributions, and together they provide a comprehensive and up-to-date overview of the many different lines of research that have been, and are being, pursued in this highly active area of investigation. Accordingly, a wide variety of AI and NLP topics are covered – ranging from computational neuroscience to information retrieval, through works on knowledge acquisition and different NLP applications such as Named Entity Recognition, Named Entity disambiguation and computing semantic relatedness.

We hope you will enjoy reading the papers contained in this Special Issue as much as we enjoyed selecting them! Finally, we would like to give special thanks to all those members of the research community who helped us with their valuable reviews.

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