

Logic, Methodology and Philosophy of Science

Proceedings of the
Fifteenth International Congress

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Research Training"; there will be a report on that project as part of the already mentioned meeting of the International Association for Science and Cultural Diversity (IASCU).

In conclusion we, as representatives of the Executive Committee of DLMPS, want to thank Hannes Leitgeb, who chaired the Program Committee, and Ilkka Niiniluoto, who chaired the Local Organizing Committee, for their excellent work in planning this Congress. They and the members of their committees have worked hard and deserve our gratitude. We also want to thank the scholars who will be giving talks at the Congress. The success of our Congress is now in their hands!

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President, DLMPS

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Preface of the Local Organizing Committee

On behalf of the Local Organizing Committee (LOC) of the 15th international Congress of Logic, Methodology, and Philosophy of Science (CLMPS), held in Helsinki, August 3-8, 2015, I wish to thank all of those who came to the beautiful capital of Finland on August 3-8, 2015.

The great tradition of international congresses of LMPS, under the auspices of the Division of Logic, Methodology and Philosophy of Science (DLMPS), was started in 1960 at Stanford University. Every four years these meetings bring together logicians and philosophers of science from all over the world to present and discuss their current work. In addition to 45 plenary and invited speakers, the Call for Papers attracted 762 philosophers to submit their contributed papers and symposium proposals to the congress. The number of registered participants from 55 countries was 713.

The programme covered all systematic and historical aspects of formal logic, general philosophy of science, and philosophical issues of special sciences. The theme of the 15th Congress was “Models and Modelling”. A special feature of the CLMPS in 2015 was the co-location of the Logic Colloquium (LC), the European Summer Meeting of the Association for Symbolic Logic (ASL), in Helsinki, which allowed the participants also to follow a rich supply of lectures in mathematical logic.

The hosting University of Helsinki was established in 1640 as the Royal Academy of Turku. Its staff included a Professor of Theoretical Philosophy whose task was to teach logic or the art of thinking. When the Academy was moved to Helsinki 1828, it adopted the Humboldtian model of research-based education where philosophy played a leading academic role. Modern philosophy of science reached the University a century later, when Eino Kaila as the Professor of Theoretical Philosophy introduced the principles of logical empiricism. Kaila’s students – among them Georg Henrik von Wright, Oiva Ketonen, and Erik Stenius - and von Wright’s student Jaakko Hintikka transformed Helsinki to an important international centre of logic and philosophy of science. This philosophical approach was complemented in 1973 by the establishment of a new chair of Mathematical Logic at the Department of Mathematics.

Both von Wright (in 1963-65) and Hintikka (in 1965) are past presidents of the International Union of History and Philosophy of Science. Hintikka was an active participant as a speaker in both CLMPS and LC, but sadly passed away only a few days after the Congress.

The local organizers of the 15th Congress of LMPS included the Philosophical Society of Finland (founded in 1873 by Professor Thiodolf Rein), the section of Theoretical Philosophy of the Department of Philosophy, History, Culture and Art Studies, and the Finnish Centre of Excellence in the Philosophy of the Social Sciences (TINT). I wish to thank the members of our team, especially the congress secretary Päivi Seppälä, for