Computer Science research and applications cover many important areas. Fundamental topics such as Symbolic Execution, Logic-based Learning, Logic-based Argumentation, and Symbolic Verification continue to make vital contributions to addressing and solving open challenges in Software Assurance, Explainable AI, Trust and Safe AI, Interpretable AI, Human-like Learning, and Strategic reasoning for Decision Making. A common denominator in each of these areas and techniques is Logic.

This event will celebrate the fact that Logic continues to be a vital and core part of Computing. It will bring together PhD students, post-docs and academics working in areas where there is a need for logical inference or benefits and advantages in using logic-based methods. The event will consist of presentations by members of department of Computing that will showcase in particular advancements made in “Logic and Programming Languages” and “Logic and Artificial Intelligence”. Through its program, the event intends to contribute to the UNESCO World Logic Day 2021, increase awareness of the research activity conducted in the department on topics related to Logic, promote the development of research in these areas, and foster and strengthen interactions among students, researchers and academics with an interest in Logic.

The event will be run online via zoom to offer the opportunity to participate from all over the world. Attendees are encouraged to register on eventbrite. The registration is not compulsory, but will be useful in providing reminders.

Organising Committee
Prof Alessandra Russo and Dr Mark Law
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