



Training and Research in Unconventional Computation in

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## Report on Summer Schools

The main goal of the work associated to this deliverable is the organization of summer schools focused on Unconventional Computation, with subjects that will include (but will not be restricted to) Quantum computing, Biological computing, Embodied computing, Adaptive computing, Unconventional maths, and Bioinspired computing. With this approach, we aim at integrating students and early career researchers into the UCOMP community.

Due to time and budget constraints, plus the departure of one of the key academics, it was decided to organize two quality schools (instead of the three initially planned), taking place during the last two years of the project.

The first school has been proposed to be held in the first half of September, 2014. It will take place at the facilities provided by the University of Malaga in the Technology Park of Andalusia, which is well connected with the campus and the city of Malaga. The same building hosts the labs of the Research Group in Biomimetics, headed by Prof. Vico, organizer of the schools.

The main body of the courses will be made of lectures and tutorials from leading researchers in the fields of unconventional computing. Candidate lecturers are now being contacted, and a tentative list is expected by Q2 2014.

As complementary activities, hackathons will be organized at the end of each week, where teams will compete to solve problems using free software. Workshops and roundtables, proposed in a spontaneous way, will complete the catalogue of events to be organized during the school.

Regarding administrative issues, the registration fee for the whole school has been estimated around €500, and a part of it will be subsidised. Registration will allow access to all events scheduled in the organization of the school, as well as accommodation, meals and get-together events.

A collaborative web page will centralize efforts from TRUCE personnel to propose lecturers, events and suggestions to improve the organization of the school; and will also be the meeting point for publicizing the call and ongoing activities during the school.

We have agreed to divide the organization of summer schools over two committees – the organizing committee (chaired, initially, by Vico) will deal with logistics, and the curriculum committee (chaired by Amos) will deal with content.