

IEEE CIS Education Activities Vision Statement

Panta rhei. The river flows and none steps in the same water river twice. The great Greek philosopher Heraclitus recalls us that the universe is always changing and, given the fact we are a negligible part of it, we and our developments undergo the same temporal evolution.

As time passes, I found myself under the panta rhei rule. If I shall open a small temporal window and inspect my recent-past volunteering involvements within the Computational Intelligence Society, I will find myself as a member and chair of some (sub)committees. Now, by shifting the time-window in the nearby future I find Cesare ready to take another challenging opportunity to serve our society, this time in the capacity of Vice-President for Education.

I feel honoured and delighted every time I take a rest and observe the river flowing. I am honoured to succeed Jennie Si in this capacity. Jennie did a wonderful work—as all of you know—and con-signed a prosperous committee in an extremely good shape (please join me and thank Jennie for what she has done!). At the same time, I am delighted since this opportunity allows me to serve our society with my expertise as an educator.

The education committee is one of the vital elements of our society and, surely one day, you will pop into one or more of its activities, possibly without realizing they were covered by such an umbrella.

Let's explore the activities the Education Committee is responsible for. In particular, the Education Committee (<http://cis.ieee.org/education-committee.html>):

- 1) prepares, develops, and recommends plans for any educational activity within our society
- 2) reviews proposals for educational activities
- 3) recommends sponsorships, cosponsorship, or technical cosponsorship of CIS educational activities
- 4) makes recommendations on matters concerning educational activities, including proposals for regulations on educational activities.

The Education Committee is like a flower, with subcommittees stemming as petals overseeing some very important tasks:

- ❑ Multimedia Tutorials Sub-Committee. The subcommittee stimulates and selects multimedia tutorials both in the theory and application of computational intelligence. Such tutorials are then disseminated worldwide through the CIS web site. At the same time, it produces and manages the multimedia tutorial archive of IEEE CIS and selects those tutorials to be included in IEEE Expert Now
- ❑ Summer Schools Sub-Committee. The subcommittee stimulates and evaluates the proposals of summer schools in computational intelligence
- ❑ Graduate Student Research Grants Sub-Committee. The subcommittee reviews the candidacies for the W.J. Karplus research grants. Awardees are students that receive a scholarship to carry out a research experience during the school holiday period
- ❑ Student Games-Based Competition Sub-Committee. The subcommittee promotes student research through games competition and organizes research results (e.g., algorithms, codes and manuals) into a central repository

- ❑ Pre-College Activities Sub-Committee. The subcommittee facilitates and supports outreach to high-school students and their teachers
- ❑ University Curricula Sub-Committee. The subcommittee promotes creation of course modules both at undergraduate and graduate levels and encourages authors to write textbooks
- ❑ Continuing Education Sub-Committee. The subcommittee promotes and develops course modules specifically targeted for members in industry
- ❑ Educational Repository Sub-Committee. The subcommittee collects educational material in the CIS educational archive.

What would I want to achieve from here? We need to sustain and provide renovated energy to all the above subcommittees. Only in this way will their effectiveness and impact on the society grow continuously.

If you are a volunteer willing to contribute to this exciting and challenging experience, I invite you to write proposals for summer schools or game competitions, to promote any other issue aligned with our goals, to network with us and contact me at cesare.alippi@polimi.it.

I am looking forward to listening to your ideas, comments and, yes, criticisms to improve what we currently have and most importantly, working with you. Panta rhei, the river flows: the new water will be forever fresh and carry novelty only with your renovated support and participation.

