



Minutes of the CNNAC Technical Committee Annual General Meeting

Monday, 31 May 1999, 5:30 p.m.
Coral Room, Renaissance Hotel
Orlando, FL, USA

Agenda:

1. Comments on and discussion of the mission statement
2. Way of communication
3. Milestone and a demo
4. Contributions to forthcoming conferences
5. Bylaws and organizational issues
6. Forthcoming and recent books and special issues
7. Other issues

Minutes

1. There were no comments on or modifications for the mission statement, hence, it was accepted as a basis for the activity.

2. Way of communication

After a discussion, the following resolution was adopted

- A CNN Information Center will be organized on the web. The content will be what Dr. Tetzlaff proposed with the addition of Education Activities.
- The web site will be placed on an IEEE machine (ieee.org), Dr. Tetzlaff is asked to find out the technical possibilities and send to all members the extended table of contents of the proposed web site.
- Prof. Fortuna proposed to contact also to Dr. M. Lavorgna for possible assistance.
- Presently, at the web site <http://lab.analogic.sztaki.hu>, there is a CNN Bibliography consisting of about 1000 references (being continuously updated) in Prof. Roska's Laboratory in Budapest. This part of the CNN Information Center will be taken from the above mentioned web site.

3. Recent milestone and application demo

- The operational samples of a 64x64 analog I/O CNN Universal Chip made in Seville represent a milestone in analogic CNN computing. This may lead to the fabrication of the first general purpose visual microprocessor.
- Other important developments were also mentioned, including the QCIF (176x144) resolution binary I/O CNN Universal Chip design and fabrication made in Helsinki.
- An autonomous walking robot controlled by CNN circuits, made in Catania, was demonstrated during the meeting.

4. It was agreed that the TC will organize one or two special sessions at the ISCAS 2000. In addition Prof. Roska was authorized to contact Prof. M. Zaghoul, Chair of the new Sensors TC, to organize joint activity at CNNA-2000.

5. After a discussion, it was agreed that at the next annual meeting at ISCAS 2000 in Geneva a Chair elect will be elected for 2 years, starting the service from ISCAS 2001. Hence, a Chair is elected for two years and the new Chair is elected one year before taking the office. This would allow the smooth continuation of the leadership in the TC, i.e. Chair and Secretary, as well as the Chair -elect and past-Chair. The details of the Bylaws will be prepared by Prof. R-w.Liu who kindly accepted this task and the bylaws will be approved during the next annual meeting (at ISCAS 2000).

6. The following recent and forthcoming books and special issues are as follows:

Books by

- L. Fortuna et. al., Springer, 1999
- G.Couwenberghs et al (ed), Kluwer, 1999
- T. Roska and A. Rodriguez-Vazquez (ed), J. Wiley, 2000 (or 1999)
- L.O.Chua and T. Roska (undergraduate textbook), Cambridge University Press, 2000 (Presently in a form of Lecture Notes at Berkeley and Budapest)

Special Issues:

- Int. J. Circuit Theory and Applications , last issue 1998 and first issue 1999
- February Issue, 1999 of the IEEE Trans. CAS-I
- J.VLSI Signal Processing, double issue, end 1999

7. A possible special issue in the Proc. IEEE is proposed (Prof. Roska will start making contacts).

8. It was agreed that this well attended first TC Meeting would be followed by many actions and all the TC members are asked to initiate actions.

Compiled by T. Roska