

# WOSC Honorary Fellowship

## World Organisation of Systems and Cybernetics Award to Dr Evelyne Andreewsky

*Keywords* WOSC, Awards, Cybernetics, Systems

*Presentation of the Honorary Fellowship of the World Organisation of Systems and Cybernetics (WOSC) to Dr Evelyne Andreewsky (France) – Director of Research Institut National de la Santé et de la Recherche Médicale*

At the Eleventh International Congress of Cybernetics and Systems held at Brunel University, West London, UK in August 1999, the Director-General of WOSC, Professor Robert Vallée presented the Honorary Fellowship of the organisation to Dr Evelyne Andreewsky (France) (Plate 1).

This is an award that is restricted to a small group of scientists who have made important contributions to cybernetics and systems. It currently includes Nobel Laureates and other distinguished cyberneticians and systemists.

The award was presented during the congress official dinner held at Brunel University under the chairmanship of the Director-General. Professor Vallée introduced Dr Andreewsky by highlighting her achievements in cybernetics and the contributions she has made to science. This is evidenced by her contributions to cybernetics and systems by way of scientific papers, books and to scientific literature in general. A résumé of her work and her curriculum vitae is presented in the following "Cyberprofile of Evelyne Andreewsky".

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**Professor Vallée (left)**  
**presents the award to**  
**Dr Évelyne Andreewsky**

The congress participants and the official guests joined the directors of WOSC in congratulating Dr Andreewsky on receiving what has become a most prestigious and coveted award.

The editorial team of *Kybernetes*, the officially appointed journal of WOSC, also offer their congratulations and are pleased to include in this issue a cyberprofile of Dr Andreewsky. These profiles comprise cyberneticians and systemists who have made outstanding contributions to the fields through their research contributions, publications, and involvement with these scientific communities.

# Cyberprofile

## Dr Evelyne Andreewsky

*Keywords Cybernetics, Systems*

### Contributions to systems and cybernetics

Dr Andreewsky's career in cybernetics and systems is highlighted here, together with details of her contributions to the literature. These have included more than 100 papers in many varied topics of the fields. Her scientific books and contributions by way of chapters in mainstream texts are numerous and distinguished. She has been involved with scientific congresses and conferences, organising many and delivering invited papers at others (Plate 1). Numerous scientific societies worldwide have benefited from her membership and she has held office in many and contributed to their successes. She is currently involved in many research programmes and projects. We include here a summary of her background in the academic world and her contributions to the world communities involved with science and in particular cybernetics and systems.

### Curriculum vitae: scientific involvements

#### *Educational background*

- *ESE* (École Supérieure d'Électricité) Engineer, Electronics, Paris.
- *Docteur ès Sciences*, Computer Science (University P. & M. Curie – Paris VI).

#### *Career in science*

- *IBM Research Engineer*, IBM-France, Paris, 1956-1959. (Research and development in programming language and numerical analysis.)
- *CNRS Research Engineer*: 1960-1967.
- *Chief of the Information Processing Lab.*, Department of Theoretical and Nuclear Physics, Orsay (Paris-Sud University), 1960-1963. (Administrative, technical and scientific responsibility for the first computing center in a French university: implantation, running and teaching programming language and numerical analysis.)
- *Chief of the programming team* of the CNRS Computing Center – Blaise Pascal Institute, 1964-1967. (Technical and scientific responsibility for the programming researchers team; organization (on a large scale) of a fast introduction to computer science, directly allowing CNRS researchers to write down programs on their own.)

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**Dr Évelyne Andreewsky**

- *UNESCO Expert* (Computer Science): 1969. Polytechnic Institute, Bucharest, Rumania & Central University, Caracas, Venezuela. (Advice on how to run computing centers, to design computer science and numerical analysis curriculum for students, to deal with PhD theses, etc.)
- *INSERM* (French National Institute of Health) *Consultant*, Computers Planning Commission: 1968-1970. (Technical and administrative mission for introducing computers and information processing applications into both university hospitals and medical research.)
- *INSERM Researcher*, Neuropsychology, Salpêtrière Hospital, Paris, 1972-1980. ("Cognitive Neurolinguistics": attempts to articulate computational linguistics and both language and aphasia experimental approaches in the framework of cognitive research.)
- *INSERM Senior Researcher*, INSERM-TLNP (Normal and Pathological Language Processing) Lab., Salpêtrière Hospital, Paris, from 1980. (Responsibility for the Cognitive Science TLNP Lab: language and language pathologies – lexico-dynamics problems. Developing of multidisciplinary approaches, articulating together *in vitro* data (out of computer simulations.)

#### *Contributions to science*

- More than 120 papers published in the framework of scientific international journals (computer science, cognitive neurolinguistics, computational linguistics, systems science, cognitive science, etc.);
- 20 scientific books or book chapters;
- congress scientific conferences (including 35 invited papers); organization of many national and international congresses, symposia and summer schools.

#### *Work with scientific societies*

- *President*, UES (Union Européenne de Systémique), a systems science European Union, from 1989.
- *Member*, AFSCET (Association Française de Systémique) – Treasurer of the Association, from 1998; ARC (Association Française pour la Recherche Cognitive), from 1981; ATALA (Association pour le traitement automatique des langues), from 1976 – Administration Council member; Cognitive Science Society, from 1980; International Graphonomics Society, from 1989; International Neuro-psychological Society, from 1976; Société Française de Psychologie, from 1978; Société de Neuropsychologie de langue française, from 1976; UITF (Union des ingénieurs et techniciens utilisant la langue française), from 1990.

#### *Personal notes*

Dr Andreewsky is married with two children and lives in Paris. She currently is the INSERM Senior Researcher at the Normal and Pathological Language Processing Laboratory, Institut National de la Santé et de la Recherche Médicale (équipe Paris, France de recherches sur le traitement du langage normal et pathologique) Paris, France. Her contributions to science are so numerous it has not been possible to include them in this profile and Dr Andreewsky is able to provide a full bibliography.

Dr Andreewsky is fluent in French, English and Spanish and has some Russian. Readers of this journal will be able to appreciate her work in an invited paper on "Abduction and expertise in language understanding or law making" (with D. Bourcier) which will be published in our Millennium Volume. At the recent Eleventh (WOSC) International Congress of Cybernetics and Systems (Brunel University, August 1999) she was a member of the International Scientific Committee and also chaired the Perception and Cognition Section, as well as presenting a paper (with D. Bourcier) in Part I of the section's meetings.

The President of WOSC, Professor Stafford Beer, the Director-General, and the directorate were unanimous in awarding the prestigious Honorary Fellowship of the Organisation to Dr Andreewsky at a special ceremony held at the congress.