Notices and Announcements

Symposium on Music and the Cognitive Sciences
The Institut de Recherche et Coordination Acoustique/Musique (IRCAM)
and the Centre National d'Art Contemporain Georges-Pompidou
Paris, France
March 14-18, 1988

The aims of this symposium are: (1) An accounting by specialists on the state of the art in research on music cognition and related psychological and neuropsychological areas such as language, reading, and motor control. (2) Intensive examination of the cognitive capacities of human listeners, performers, and creators to imagine, perceive, remember, process, and reproduce large-scale temporal structures, with an emphasis on relating these cognitive skills to real musical experience and to other areas of human cognition. (3) Provision of an opportunity to speculate on where scientific studies of music should go in the near and more distant future.

The main theses to be treated are: (1) The notion of musical language, (2) the form-bearing elements of music, (3) the processes of listening and comprehension, (4) the processes of invention, composition, and improvisation, and (5) the processes of performing. The main themes will be considered in the light of the internal representation of musical dimensions and structures and the processes of organization that operate upon these representations.

The symposium will be organized as follows: (1) Twenty-four 1-hour conferences presented morning and afternoon, (2) two roundtable debates on problems in the study of music as a cognitive science, (3) working groups presenting summary reports on the state of the art and guidelines for future tesearch and exploration, and (4) evening workshops on (a) methods of sound synthesis and control for exploration and experimentation, (b) methods of experimentation and data analysis in music cognition, and (c) music research and compositional problems in 20th Centurey music.

For more detailed information and registration forms contact: Stephen McAdams, Responsable de la Pédagogie, I.R.C.A.M., 31 rue Saint-Merri, F-75004 Paris, France (Tel: (33.1) 42.77.12.33).

The First International Conference on Visual Search Durham, England September 5-8, 1988

The Applied Vision Association is organizing the first international conference totally devoted to the multidisciplinary topic of visual search. This is to be held at the University of Durham, Durham, U.K., on September 5-8, 1988. The conference is to address all aspects of visual search processing, from theory to practice and including detection and recognition, vigilance, eye movements, display parameters, search modeling, machine vision, and medical, industrial, and military applications. The conference proceedings will be published.

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