

Cognitive Science News

Call For Participation

The IJCAI Workshop on Connectionist-Symbolic Integration: From Unified to Hybrid Approaches

**to be held at IJCAI'95
Montreal, Canada
August 19-20, 1995**

There has been a considerable amount of research in integrating connectionist and symbolic processing. Various models and ideas have been proposed to address various problems and aspects in this integration. There is a growing interest from many segments of the cognitive science and AI community.

Two major trends can be identified in the state of the art: these are the unified or purely and the hybrid approaches to integration. Whereas the purely connectionist ("connectionist-to-the-top") approach claims that complex symbol processing functionalities can be achieved via neural networks alone, the hybrid approach is premised on the complementarity of the two paradigms and aims at their synergistic combination in systems comprising both neural and symbolic components.

This workshop will provide a forum for discussions and exchanges of ideas in this area. Invited talks will be given by Noel Sharkey and Jim Hendler.

For more information, contact:

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