

Panel Summary #1

Proposal Number: 0705154

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SUMMARY

The investigators propose to develop an architecture that bridges Soar-based problem solving, natural language, and perception.

INTELLECTUAL MERIT

The panel felt that the authors focused on the problem-solving, symbolic side of their proposed system so much they shortchanged the perceptual side. Their discussion of language, for example, was about problem solving, and provided no explanation of how problem solving would couple in to major problems in language understanding and exploitation.

There was also a sense that the authors offered to do too much. The proposal would be stronger if it concentrated on one or two problems and explained why their Soar-based approach was superior to other possible approaches.

BROADER IMPACTS

The authors satisfactorily explained that work of the kind they proposed to do would impact under represented groups, would benefit society, and would be disseminated. They argued that it would promote

interdisciplinary work as well, but some of the panelists were skeptical.

PANEL RECOMMENDATION AND RATIONALE

Not recommended for funding.

The summary was read by the panel and the panel concurred that the summary accurately reflects the panel discussion.

Panel Recommendation: NOT RECOMMENDED FOR FUNDING