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Evangelos Simoudis, Lockheed Palo Alto Research Laboratory

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Steve Chien, Jet Propulsion Laboratory

Hardware Description Languages; Case-Based Reasoning; Knowledge, Retrieval, and Training Systems; and Scheduling and Planning. The two plenary invited speakers are Prof. B. Chandrasekaran of Ohio State University, whose talk is titled "Tasks, Methods, and Knowledge: New Directions in Generic Tasks," and Prof. Robert S. Engelmore of Stanford University whose talk is titled "Knowledge Systems for Engineering: The How Things Work Project." The last session of the conference will provide an opportunity for a select set of session chairs to summarize papers and ideas developed in their and related sessions, and to discuss the state of the art and the future direction of their respective areas.

We would like to thank all the authors for their submissions to this conference. We look forward to their enthusiastic participation in this conference and in coming years. We would like to thank Prof. Mohan Trivedi of the University of Tennessee at Knoxville for again chairing and coordinating the Intelligent Information Systems Program of which this conference is an integral part. We especially thank Prof. Gautam Biswas of Vanderbilt University, past chair of this conference, for his help, guidance, and cooperation, and for providing us the opportunity to put together this year's program. We are indebted to the SPIE staff for taking care of all the detailed arrangements necessary to conduct a successful conference.

We hope this conference is a forum for the presentation and interchange of AI research and development results in aerospace and industry. We are confident that your participation will be enriching as well as enjoyable.

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