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IEEE Computer Society Workshop

Combined Research-Curriculum Development in Computer Vision

http://www.cs.unr.edu/CRCDWorkshop01/

December 10, 2001
Kauai, Hawaii
(in conjunction with CVPR01)

CRCD-CV 2001 Call For Papers

Scope

This workshop follows in the successful tradition of the workshops held in conjunction with CVPR '97 and CVPR '00, however, the emphasis has been shifted to identifying systematic ways to integrate computer vision research into to the computer science and engineering curriculum. The goal is to offer systematic and constant computer vision research experiences for as many students as possible (both undergraduate and graduate). Traditional student research participation programs in computer vision (e.g., joining research teams, doing summer research, taking advanced courses etc.) have demonstrated considerable success in exposing students to current computer vision research paradigms. However, it is becoming more and more evident that comprehensive instructional programs, which offer systematic and constant computer vision research experiences to students, will be more effective in involving a larger body of students in research and retaining their interest and enthusiasm in computer vision. We are seeking for innovative ideas that propose integration of computer vision research results into the curriculum through systematic and constant activities starting maybe at the sophomore year and continuing until graduation, making research an integral part of students' education.

Topics

Possible topics for presentation and discussion at the workshop include, but are not limited to:

-injecting computer vision research "modules" into core courses (emphasizing the process of scientific inquiry)

-computer vision courses that have some unique approach

-computer vision courses addressing industry requirements

-computer vision courses for non-CS/EE majors

-courses on mathematical methods for computer vision

-effective models for summer computer vision student research experiences

-``don't do this" case studies - examples of appealing ideas that did not work

-approaches to successfully disseminate examples of integrating computer vision research results into the curriculum (e.g., research modules used by other faculty etc.)

-approaches to successfully evaluate the integration of computer vision research into the curriculum

Submission Procedures

Three copies of papers should be received no later than July 20th, 2001 at the address shown below:

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Electronic submissions in postscript or pdf are also acceptable. Papers will be reviewed with an emphasis on potential to contribute toward integrating teaching with computer vision research both at the undergraduate and gradute levels. No particular paper format is required during the review process. However, all accepted papers should be submitted in standard IEEE 2-column format for publication in the proceedings/CD of the workshop. The maximum number of pages allowed for the camera-ready papers is 8. All submissions should include e-mail address of corresponding author. It is planned that a selection of the best papers selected at the workshop will be considered for a special issue of the **IEEE Transactions on Education**.

CRCD-CV 2001 SCHEDULE:	***Submission Deadline:***	***7/20/2001***
	Notification of Acceptance:	***9/14/2001***
	Camera-Ready Papers Due:	***9/28/2001***
	Workshop:	***12/10/2001***