

ACM Multimedia'99 Workshop on Multimedia Education: Curriculum Resources in Interactive Multimedia (CRIM)

Nov. 5, 1999

Are you currently teaching courses on Interactive Multimedia (IMM) or planning to? Are you a professional involved in training or in hiring of professionals in IMM? If so, **this workshop is for you!** (And if your schedule allows only 1/2 day, you can still attend.)

We will have both short lectures and hands-on discussions. Demonstrations will be included in the presentation of the CRIM repository (www.cstc.org/~crim).

The morning will focus on this CRIM digital library of IMM resources. The afternoon will focus on curriculum for IMM. The workshop coordinators will present for a total of about an hour during each of the parts, followed by about an hour of short presentations by other attendees and an hour of discussion in small groups or plenary. At the end of the day a plenary session will recap results and finalize a plan for submitting curricular guidelines for review and publication.

Attendees will obtain a technical description of the digital library, including how it works and the underlying (meta) data organization/construction. Together we will review the state of multimedia educational opportunities and techniques at the university level (i.e., teaching about IMM, not using IMM to teach other subjects). We will discuss how to use the digital library in order to support teaching of IMM, both in IMM courses as well as in parts of allied courses. These will include, but not be limited to: a one semester senior level elective course; a one semester graduate level introductory courses; and a four course sequence for undergraduates covering design, implementation, evaluation and project aspects of multimedia development and a multimedia minor.

Workshop Committee

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ACM Multimedia Workshop on Curricular Resources in Interactive Multimedia
Presenters: Ed Fox, Virginia Tech and Rachelle Heller, The George Washington U.

Schedule	Time	Specifics
Morning	Note: Attendees are invited to participate only in the morning workshop if their schedule does not permit full day attendance.	
Introductions	10 minutes	Shelly & Ed
Overview, History	20 minutes	Shelly
The CRIM Project	30 minutes	Ed
Stephan Fischer, Darmstadt University	45 minutes followed by break	Overview of work in Darmstadt
The CRIM Matrix / Modules Demonstration on submissions process	1 hour 30 minutes	Shelly – attempt to describe the CRIM matrix, validate the content of matrix and get comments on it Question 1 – what are the IMM threads necessary for technically oriented undergraduate and graduate education? Question 2 – what is content of each thread?
Lunch		
Afternoon		
IMM Syllabi and Module Sharing	1 hour: 30 minutes for syllabi, 30 minutes for module sharing	Ed and Shelly – presentation on our own IMM courses with syllabi and materials. Identify one or two specific modules to share and discuss how to share them, how they would be fit into existing curriculum etc.
Participant Discussions	30 minutes	Attempt to validate the sharing procedure by discussion of Question 3 – what are the techniques for good pedagogic practice? Question 4 – what curriculum resources are available? Question 5 – how does one share or disseminate techniques and modules?
Teamwork to Develop IMM Modules	1 hour: 15 minutes to plan, 30 minutes to work, 15 minutes to present	Teams will plan what they want to develop and share that plan – it is possible to move teams at this point. Teams will work on the development of that material and sketch and outline of the module. Teams will report.
		Ed – Discussion of what makes a valid module and discuss Question 6 – what review form and topics would you require for a journal review if a module were sent to a refereed journal?