

A Digital Arts Community within HCI

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This paper will report on the first year of the Digital Arts community at CHI 2012, the ACM SIGCHI Conference on Human Factors in Computing Systems. CHI is a large and prominent international conference on human-computer interaction (HCI). CHI formally recognizes and supports communities that it vets within the larger organization of the conference. For example, other communities include the Design, Healthcare, and Child-Computer Interaction communities. Specifically, we will report on the process of creating the community, the goals of the community, the practical infrastructure that the community provides to arts-related research, and results from the first year.

After a series of related and well-attended meetings and workshops in recent years at CHI, the Digital Arts community was founded by computer science Professor David England of Liverpool John Moores University and artist Jill Fantauzzacoffin of Georgia Institute of Technology. A steering committee consists of Linda Candy, Ernest Edmonds, Celine Latulipe, and Thecla Schiphorst. At CHI 2012, we established a program of events to address issues in interdisciplinary research, collaboration, evaluation, and innovation discourse. Eighteen archival arts-related papers were presented at CHI that year.

Themes which emerged during the 2012 conference include the role of the Digital Arts community at CHI, relationships between this community and other technological arts communities, the relationship between the arts and innovation, STEM to STEAM, arts research, and the importance of including diverse voices and visions. We also discussed the value of articulating lines of arts research, methodologies and epistemologies of practice-based research, and emergent interfaces in experimental media as HCI interfaces to be studied in their own right.

The proposal for the Digital Arts community:

England, D., Fantauzzacoffin, J., Latulipe, C., Edmonds, E., Sheridan, J.G., Pobiner, S., Bryan-Kinns, N., Reeves, S., Tanaka, A. **Digital Arts and Interaction Community: Building Bridges**. Available at: chiarts.gatech.edu/proposal.pdf.

Conference fora publications related to the Digital Arts community and the events at CHI 2012:

Fantauzzacoffin, J., Berzowska, J., Edmonds, E., Goldberg, K., Harrell, D.F., Smith, B.K. **The Arts, HCI, and Innovation Policy Discourse**. An invited panel at CHI 2012.

England, D., Fantauzzacoffin, J., Latulipe, C., Schiphorst, T. **Digital Arts and HCI in Collaboration**. A course offered to attendees of CHI 2012.

Fantauzzacoffin, J., Candy, L., Chenzira, A., Edmonds, E., England, D., Schiphorst, T., Tanaka, A. **Articulating Lines of Research in Digital Arts, HCI, and Interaction**. A Special Interest Group session (SIG) at CHI 2012.

England, D., Fantauzzacoffin, J., Bryan-Kinns, N., Latulipe, C., Candy, L., Sheridan, J.G. **Digital Art: Evaluation, Appreciation, Critique**. A Special Interest Group session (SIG) at CHI 2012.

All publications are available in *Extended Abstracts of ACM Conference on Human Factors in Computing Systems (CHI 2012)*. ACM Press, 2012.