

Digital Creativity

Special Issue ArtAbilitation

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Guest Edited by:

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This special issue of **Digital Creativity** includes selected papers from the successful inaugural ArtAbilitation International Conference from September 2006. Through this issue of **Digital Creativity** the ArtAbilitation concept is further introduced to the scientific community and beyond.

Articles from the Special Issue

Editorial: ArtAbilitation
Tony Brooks

Interactive flashlights in special needs education
Sue Cobb, Angela Mallett, Tony Pridmore and Steve Benford

Explorascope: stimulation of language and communicative skills of multiple-handi-capped children through an interactive, adaptive educational toy
Caroline Hummels, Aadjan van der Helm, Bart Hengeveld, Rob Luxen, Riny Voort, Hans van Balkom and Jan de Moor

Empowered interaction through creativity
Stefan Hasselblad, Eva Petersson and Tony Brooks

Facilitating the experience of agency through an intersensory interactive environment
Lieselotte van Leeuwen and Phil Ellis

The Picturing Sound multisensory environment: an overview as entity of phenomenon
Ceri Williams, Eva Petersson and Tony Brooks

Real-time composition of image and sound in the (re)habilitation of children with special needs: a case study of a child with cerebral palsy
Maria Azeredo

MusiCam: an instrument to demonstrate chromaphonic synesthesia
Derek Yau and Rachel McCrindle

About the Journal

Digital Creativity is a major peer-reviewed journal at the intersection of the creative arts and digital technologies. It carries articles of interest to those involved in the practical task of making or using software for creative purposes. By the term 'creative arts' we include such disciplines as fine art, graphic design, illustration, photography, printmaking, sculpture, 3D design, product design, textile and fashion design, film making, animation, games design, music, dance, drama, creative writing, poetry, interior design, architecture, and urban design. We also address technology-oriented disciplines such as artificial intelligence, computer-supported collaborative work, GPS systems, human-computer interaction, virtual and augmented reality.



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