

fall 2012

digital world & image group



Mission:
Improve interaction between people
with the help of digital media

Approach:
We consider interactions as performances
in the virtual as well as the physical space
Our goal is to improve the creative use of these spaces
and reclaim them for their inhabitants
To achieve this, we experiment with
creative media, craft, and digital performance

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<http://dwig.lmc.gatech.edu>



Subway (Quitmeyer, Ansari, Nitsche)
A media activism piece in which performers and Iran and
the USA collaborate in a shared dance
<http://dwig.lmc.gatech.edu/projects/Quitmeyer/subway/>



Embodied Digital Creativity
(Mazalek, Nitsche, Clifton, Chandrasekharan, Welsh)
Enhancing body memory through digital puppetry
<http://www.synlab.gatech.edu/projects/bdc/>



Sandtones (Grosz, Farina, Lyske, DeLeon, Nitsche)
Creating sand paintings while the sand material comes
“alive” through sound vibrations
<http://dwig.lmc.gatech.edu/projects/Sandtones/>



Pulse Painting (Spross, Quitmeyer, Rafinski, Nitsche)
Painting with magnetic ink - based on the traditional
Ebru technique
<http://dwig.lmc.gatech.edu/projects/Ebru/>



Assistive AI for Filmmaking (Riedl, Nitsche, Grosz)
Intelligent camera control for filmmaking in digital
environments
<http://dwig.lmc.gatech.edu/camerainterface/>