

A&D 590E Physical Computing
Prof. Fabian Winkler
Spring 2008

Bibliography

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"Electronic Culture", edited by Timothy Druckrey. New York: Aperture, 1996.

Dunne, Anthony: "Design noir : the secret life of electronic objects", London: August; Basel: Birkhäuser, 2001.

Topham, Sean: "Blowup : inflatable art, architecture, and design". Munich, New York: Prestel, 2002.

Igoe, Tom: "Making things talk : practical methods for connecting physical objects". North Sebastopol, CA : O'Reilly Media, 2007.

Reas, Casey and Fry, Ben: "Processing: A Programming Handbook for Visual Designers and Artists", Cambridge: The MIT Press, 2007.

(All items listed above are available in the Purdue University Libraries)

Online Resources

<http://www.tigoe.net/pcomp/>

Tom Igoe's very extensive Physical Computing online resources

<http://www.kenrinaldo.com/>

Ken Rinaldo's artist webpage

<http://we-make-money-not-art.com/>

Online blog for up-to-date information on relevant exhibitions, festivals, artworks, etc.

<http://processing.org/>

Online resources for the Processing programming environment: downloads, libraries, examples, etc.

<http://arduino.cc/>

Online resources for the Arduino USB interface board: downloads, libraries, examples, etc.

<http://www.tinker.it/>

Technology and design consultancy based in London and Milan, expertise in Arduino-based projects, workshops

<http://meso.net/>

Frankfurt-based collective working on the borderline between technology and design

<http://vVVV.org/>

Multimedia toolkit for real time video synthesis developed by MESO.

<http://www.makezine.com/>

online blog for the DIY community, lots of interesting projects and tutorials

<http://fritzing.org/>

Open-source initiative to facilitate the process from physical prototyping to actual product

List of Relevant Artists

Ken Rinaldo

Daniel Rozin

Douglas Repetto

E.A.T.

Simon Penny

Futurefarmers

Troika Ranch

Golan Levin

Camille Utterback

David Rokeby

Teri Rueb

Natalie Jeremijenko

MESO

Chris Csikszentmihályi

Maywa Denki

Staalplat Soundsystem