

Petrusha Family Dentistry

Comfort-centered Dental Experience

Petrusha Family Dentistry

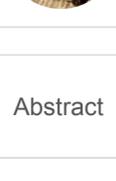
OPEN

Share 

Request full-text

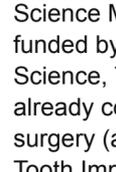
Audio tooth implant

Article with 61 Reads



Jimmy Loizeau

Goldsmiths, University of London



James Auger

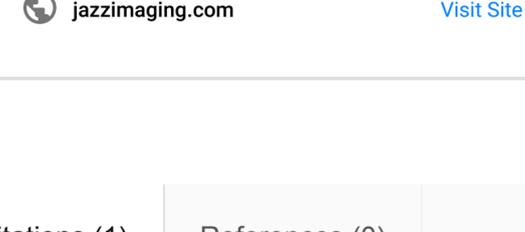
11.1.61 · RMIT (Europe)

Abstract

This is an exhibition of Auger and Loizeau's audio tooth implant. The exhibition was supported by the Science Museum and the Royal College of Art and funded by NESTA (the National Endowment for Science, Technology & the Arts). Implant technology is already commonplace in the form of replacement surgery (artificial joints, pacemakers, etc). The Audio Tooth Implant (ATI) is the first commodity based in-body product. Augmenting our body's communication skills it enables a form of telepathy. A micro-vibration device and a wireless low frequency receiver are implanted in the tooth during routine dental surgery. The tooth communicates with an array of digital devices, such as mobile telephones, radio and computers. A dedicated device (also acts as the long-range receiver) is used to fully customise the set up for each individual's personal requirements. Sound information is transferred from the tooth into the inner ear by bone transduction. Sound reception is totally discreet enabling information to be received anywhere at anytime. Ostensibly the design of a new emergent technology product, the design was a conceit to explore media take up of dramatic technological developments; essentially exposing the way media is seduced by the notion of advanced technology application. The aim was to raise a discourse about the effects of the technology by engaging the public (through mass media) in thinking about the implications of new technology particularly related to body augmentation.

Do you want to **read the rest** of this article?

Request full-text



Introducing the SOLO sensor - Our answer to pricey sensors



jazzimaging.com

Visit Site

Citations (1)

References (0)

Wearable-object-based interaction for a mobile audio device

Conference Paper

Jan 2010

 Kun-Pyo Lee ·  Kwanmyung Kim ·  Dongwoo Joo

[View](#) [Show abstract](#)

Recommendations

Discover more publications, questions and projects in [Implant](#)

Project

Iso-phone

 Jimmy Loizeau

[View project](#)

Project

Reconstrained Design

 James Auger ·  Enrique Encinas ·  Uk

[View project](#)

Conference Paper

Carnivorous domestic entertainment robots

January 2009

 James Auger ·  Jimmy Loizeau ·  Aleksandar Zivanovic

This paper describes a group of objects produced as a collaboration between designers and scientists/engineers. They explore an alternative approach to bringing robots into the domestic environment, exploring both the aesthetics and functionality that may elicit a symbiotic coexistence with humans in their homes. They are all based on the technology of biological fuel cells, which generate ... [\[Show full abstract\]](#)

[Read more](#)

Article

Iso-phone

 Stefan Agamanolis ·  James Auger ·  Jimmy Loizeau

The research and design of the Iso-phone: a total submersion telephonic experience was supported by the Human Connectedness Group Media Lab Europe. This project examines how tele-communications might exist from a perspective that prioritises quality of experience over notions of efficiency, often represented in multi-modal, omnipresent services and portable products. The Iso-phone is ... [\[Show full abstract\]](#)

[Read more](#)

Conference Paper

Full-text available

Iso-phone: a total submersion telephonic experience.

January 2003

 Stefan Agamanolis ·  James Auger ·  Jimmy Loizeau

In this paper we describe the Iso-phone, a telecommunications concept providing a service that can be described simply as a meeting of the telephone and the floatation tank. By blocking out peripheral sensory stimulation and distraction, the Iso-phone attempts to create a telephonic space of heightened purity and focus. By presenting an everyday product in a new configuration and context, using a ... [\[Show full abstract\]](#)

[View full-text](#)

Article

Full-text available

Living With Robots: A Speculative Design Approach

March 2014

 James Auger

This article begins by asking: "Why are robots not becoming domestic products?" In addressing this question the author borrows from the science of ecology and biological concepts of evolution and domestication to make an analogy between the shift of habitats that occurs when an organism successfully goes through the process of artificial selection (from natural to domestic). In addition, this ... [\[Show full abstract\]](#)

[View full-text](#)

Discover more

About

[News](#)

[Company](#)

[Careers](#)

Support

[Help center](#)

[FAQ](#)

Business solutions

[Recruiting](#)

[Advertising](#)