

# Philippe Druez

## Resumé

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Jan 2013 EN



**Philippe Druez** Male, born in Oostende on July 30<sup>th</sup>, 1957  
My daughter Maui C Druez is a documentary filmmaker, working around the world and living in Brussels.

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## Education

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### Studies

- 1977 Industrial Engineer Electronics at Hogeschool Gent, dept. BME (HoGent 1st year)
- 1980 Graduated in Information Sciences / Systems Analysis, BA  
HoWest, Campus Simon Steven (IHOSS)
- 1985 Study of ORM Natural Language Information Analysis Methodology, NIAM
- 1989 Study of Film Semiotics and Psycho Analytic Film Theory, Course at BFI, London
- 1992 Post graduate degree for teaching (Certificate GPB, HoGent)
- 2008 Study of Pitching for Film. Sybille Kurz - Media Desk Belgium
- 1980 - present Autodidact in the disciplines of applied IT, multimedia development, software programming, film (camera, lighting, sound, mise-en-scène, montage, scenario, direction), architecture, product design, art history and sciences, photography
- 2012 - present Graphic art methods (non-toxic), 5 year programme at Academy of Fine Arts, Gent

### Languages

Nederlands	Native, excellent
Français	Native (bilingual), good
English	I think in English. Excellent
Deutsch	Fairly
Español	Notions
العربية	Glimpses (studied it 30 years ago)

### Competences

#### In Project Management

I'm good in motivating competent people to work on difficult and deadlined projects. I have a nose for new applications, useful technologies and an eye for design and aesthetics. I have accomplished all my projects successfully and most of them are, even after 10 years, still very innovative. Being visionary in some areas has its pros and cons.

### In Film, Interactivity and Multimedia

- Direction of documentary, fiction and interactive documentary film
- Scenario writing for fiction, documentary en interactive multimedia
- Camera (HD, 4K)
- Sound (multichannel, AES)
- Montage technique, video, film and audio

### In Photography

I photograph with small medium and large format camera's, Polaroid, digital and analog.

For my projects I use my Leica M7, Leica M9, Hasselblad 500CW, Canon 5D2, Polaroid SX70, Polaroid Land 450, Linhof Technikardan, Minox B, Lubitel and others.

I have my own print workshop and labo: Durst 605 for analog B&W silver gelatine and colour: Canon ImagePrograph ipf6100cx on Hahnemühle paper.

### In Information and Communication Technology and Multimedia

- Software design
- Graphic design
- Interactive design
- Systems analysis
- Systems architecture
- 3D product design

### Other

- Highly creative
- Problem solving
- Technical thinking
- Stress resistant

## Professional career

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### The 8ighth Day

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|-------------|---|
| 1996        | Initiator and co-founder of The 8ighth Day bvba (= ltd.). At first the company makes audio-visual productions, custom-made IT solutions and sells IT hardware (B2B).  |
| 2003 - 2013 | <b>Your Story Alive!</b> <sup>TM</sup> becomes the new baseline. The 8ighth Day (D8D in short) operates solely in the museums, heritage sites, exhibition and tourism sectors. We work closely with the architects (scenography), curators, scientific team and historians. Digital Storytelling becomes the core business. I design the TouchPort platform, new innovative mobile media formats and hardware. I also direct the productions of the infotainment films and interactive documentaries. Everything is revolutionary new and needs a lot of experimenting and research. The innovative projects grow bigger. The company becomes almost an institution. In January 2013, D8D closes its doors. |

### Multimedia Design

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|------|--|
| 2003 | Design, development and production of <b>Cameo</b> <sup>TM</sup> , the first successful operating and commercially available museum multimedia guide for youngsters in Europe. Designed to meet educational terms in schools, the format offered comprehensive information about the exhibitions in a very evocative format. |
|------|--|

- 2005 Design, development and production of:
- **Narrator™**, the first successful operating and commercially available museum multimedia guide for museum collections, offering multi-language, bookmarking and up-datable content.
  - **Rambler™**, the first successful operating and commercially available GPS guide for bike and walking heritage site visits.
  - **Exposé™**, the online CMS for Narrator, a redaction system and exhibition management.
  - **showTime**: multi-channel HD and touch screen player with synchronised audio on Narrator guides.
- 2006 - 2008 Designer of the Visit 2.0 model and related platform called TouchPort, integrating all components into one system.  
Designer of:
- **myVisit™** pre- & post visit system. Visitors can browse through the objects and make personal tours. Objects are connected to stories and **social media**.
  - **followMe™** tour guides system
  - **Cicerone™** the exhibition routing system
  - **PowerDock**, a charging system for multimedia guides
- First QR-code based mobile multimedia guide in development.
- 2009 Design of The **iG™** - iTouch based personal multimedia visitors guide (rugged case).
- 2010 Design of the **iG4**, a universal case for Android, iPod and SmartPhones.  
Design of the concept for iPOS, an indoor navigation system (IPS), to be researched and developed in KaHO St.-Lieven Technology Campus (DramCO) Gent.
- 2006-2008 Three year time-lapse recording of archeological excavation in the Onze-Lieve-Vrouwebasiliek of Tongeren. I devised a wireless HD camera system unique at that time.
- 2011 Integration of **Arduino** components to control multimedia in museums.
- TouchPort** is a complete product line for interactive documentary story telling. It's in use in several museums in Flanders.

During 10 years I designed the multimedia graphic user interfaces for mobile and touch screens for all museum projects. The style ranged from avant-garde to classic and was always very original.

## Interactive Art installations

I designed several multimedia touch screen installations using touch displays, projections and iPads. I introduced the first pico-beamer projections in window cases (vitrines) and automated multimedia systems.

- 2005 **Virtual Carillon** of the Onze-Lieve-Vrouwe cathedral of Antwerp. Sampling of all the bells and clocks. The sounds can be heard by playing an authentic XVIIth century striking keyboard in museum Vleeshuis (The Sound of the City).
- 2011 **Orbis Media**. A 15 minute film about power through times. It shows archival material and sound fragments of TV news, posters and paintings, evoking all manifestations of power: money, religion, social, government... 18 screens in a cylinder. MAS Antwerpen.
- 2011 **City by Numbers**. A room filled with number digits based on statistics of the city of Antwerp. Quotes about the evolution of the city float over the digits. MAS Antwerpen.

## Teaching and training related

- 1989 - 2003 Appointed full-time teacher ICT/IT at Cervo-GO / School group 27 of the Flemish Community Education Department, Adult Education in following competences: multimedia, scenario and audiovisual techniques, 3D modelling and animation, CAD, 2D interactive animation, montage, mise-en-scène, photography, web design, software development, web design, Microsoft server technology
- 1990 - 1991 Professor of Systems Analysis Theory and Methodology HO-SP at Hogeschool Simon Stevin - IHOSS, Brugge (HoWest)
- 2003 - 2005 Part-time ICT coordinator at Atheneum Oostende
- 2005 - present Part-time teacher at Cervo-GO
- 1997 - 2000 Member of two workgroups for developing the new modular structures for the ICT and Multimedia training programmes (VLOR - SO permanent education, Gemeenschapsonderwijs - Flemish Community, Education Dept.) and Film en Multimedia (VIZO - Syntra - Flemish Community, Economy Dept.)
- 1998 Founder of the new training programme “Realisator van Videoprogramma’s” (i.e. Producer of Video programmes) at SyntraWest Oostende. The course spans 2 years and still exists. It is now in SyntraWest Brugge, Genk and others)
- 1997 - 2004 Teacher at SyntraWest: 3D modelling and animation, 2D animation. Director, DoP, Narration in film, montage, mise-en-scène, scenario writing, post production, montage theory, film editing, special effects.
- 1999-2000 Professor Microsoft Windows server, Exchange server and SQL server 2000 technology and IP networks at Flanders Language Valley, Ypres.
- 2008 - present External jury member and promotor for thesis students and BA/MA graduates at KHBO Engineering Institute Oostende, dept. ICT/Electronics and Artesis Hogeschool Antwerpen, dept. product design.

## IT Systems *(non exhaustive list)*

- 1978 Design and development of a custom Teletext system for a CCTV network at Hippodrome Wellington Royal horse racing Ostend.
- 1982 Analysis, software design and development of *Co2n*, a complete stock management system for tracking cotton originating and selling all over the world, from cotton field to spinned thread for textile production. Kortrijkse Katoen Spinnerij nv.
- 1988 Analysis, software design and development of *Prospect*, a student and course management system for Cervo-GO, an adult education institute. The system changed the whole administration process and was the base for CVO-soft still in use today.
- 1991 Analysis, software design and development of *Orka*, an application for fish trading: daily buying, selling, pricing and stock keeping of fresh and processed fish for Brunet & C°. The system (version 6) is still in use today at Iceland Fisheries Inc.
- 1995 Setup and maintenance of the first Internet POP service provider with dial-in in Oostende.
- 2001 Design and programming of an automated triathlon finish system using barcode scanning for the Coastal Triathlons community.
- 2008 Consultancy and systems architecture design for the multimedia installations at the St.-Rumbolds Tower in Mechelen (UNESCO world heritage). Here I introduced the

first visitor flow control system by managing the content of the multimedia in such a way as to create a constant crowd flow.

## Research programmes and Pilot Projects

- 2004 Designer of the **Visit 2.0** blueprint for **Touchport**. Analysis and design of TouchPort, the first and still most advanced CMS in Europe (World?) for multimedia and museum visits for mobile devices (Windows Mobile 2003). Read more in the section Media Formats. Development by my company, The 8ighth Day
- 2005 - 2006 Concept and design of **Rambler**, a routing system for mobile GPS devices. The system guides a visitor over an optimal route with POI's The POI's are chosen on the basis of the walkers preferences (heritage, landmark, leisure...). Developed with the help of IWT (Belgian agency for Innovation by Science and Technology) and in cooperation with University Ghent (research dept. industrial sciences)
- 2010 - 2012 Concept and design of **iPOS**, the first (Europe..) accurate indoor navigating and object identification system for iPhone. Developed with the help of IWT (Belgian agency for Innovation by Science and Technology) and in cooperation with the Industrial Engineering Department of KaHo St.-Lieven - Technology campus, Gent
- 2006 **Berlin City Tour**. GPS multimedia guide. Commissioned by Tonwelt, the Berlin municipality and Tourism board, Germany
- 2007 **Cicerone I**. Paris, SIMESITEM - Carrousel du Louvre. Exhibition visitors guide using Exposé and a routing algorithm.
- 2010 **The Viking Triangle**. City Heritage Guide for the Waterford Heritage Council, Ireland
- 2008 - 2010 Active partner in IBBT projects: DEUS, Erfgoed 2.0
- 2007 - 2009 Active partner in Tetra projects (KaHo St.-Lievens, Gent: DRAMCO, SCALA
- 2012 **Sheikh Zayed Mosque**. Multimedia guide (TouchPort). Abu Dhabi, UEA.

## 3D-Projects *(non exhaustive list)*

Modelling and animation of a virtual canal for a new marine port in the Bahamas. The visualisation was based on 5000 measured points under the surface. Client: Dredging Int.

Modelling and animation of 12 films for a series about energy. Client: Electrabel / Eandis nv.

Modelling and animation of two dredger ships (D'artagnan is one of them). Client: Dredging Int.

Photography, modelling and animation for a reconstruction of a pre-columbian gold jewel. Client: MAS Antwerp.

Photography, modelling and animation for a 3D interactive for the exhibition *Entre Paradis et Enfer Client: musée MRAH Bruxelles*.

Modelling and CAD/CNC design for three rugged cases (iG, iG4, iG4a) for iPhone and Android devices and a series of 19" charging docks for the TouchPort guides.

## Website Design and Development *(non exhaustive list)*

Graphic and functional design for dozens of CMS websites among which: PMMK / mu.zee (first museum website in Belgium 2005), Rodania (Swiss Chic), Interflight nv., mu-zee-um.be, Cyriax int., MAS

Antwerp (*Heritage Antwerp\** and *I Mas There*), TouchPort ... I was official DNS agent from 2000-2005.

## Seminars Held

- Antwerp Museums 2004: Mobile Multimedia Guides in Museums
- Mechelen, Memori - Expertise centrum Lessius - 2006, CC Mechelen
- Brussels EPOCH 2006: Cameo; the education/evocation for Museums and Heritage Sites
- Paris SIMESITEM 2011, Visit 2.0 and TouchPort
- Paris, Clic, Rencontres Nationales Culture & Innovation, Cité Nat. de l'Histoire de l'Immigration
- Oudenaarde, Tour of Flanders Centre, Mobile media for City Visits
- London (M&H 2011), The Narrator and TouchPort
- Rotterdam (DISH 2011), TouchPort

## Trademarks and Registered Domain Names

Owner of the trademarks (BOIP.int ): TouchPort, Your Story Alive, Narrator, iGuide, Exposé.

Owner of the domain names (DNS.be): TouchPort.eu/be, D8D, Narrator, iGuide, Exposé, Rambler, Cicerone, iCicerone, Visit2dot0, myVisit.

## Programming and IT Skills

- Programming in VB, ASP.net C, C++, Java, Javascript, Flash AS3, HTML
- Scripting for After Effects, 3D-studio Max
- IP networking
- MS SQL 2000 server, SQL and mySQL
- Microsoft Exchange 2003 mail server technology, RAID systems
- CISCO IOS programming (1600 and 2500 series)
- Microsoft Windows server 2000 technology (DNS, AD, DHCP...)
- Arduino

Tough I don't develop applications myself for quite a while now, I'm still aware of the development platforms and languages.

## Software Skills (*actual*)

- Operating systems: Windows (XP) and Apple OS X (10.7), Linux (limited), Apple IOS Dev (Limited)
- Microsoft Office (Word, Excel, PowerPoint) and Access 2003
- iWorks (Apple office: Pages, Numbers, Keynotes)
- Adobe Dreamweaver
- Adobe CS5 (Photoshop, Illustrator, Indesign)
- Adobe After Effects (CS5) + scripting
- Adobe Lightroom 4, NIK Silverlight
- Autodesk AutoCAD 2005
- Autodesk 3D-studio Max (v9) + scripting
- Apple Final Cut Pro 7 and X
- Apple DVD Studio Pro
- SoundTrack Pro
- Flash
- PersonalBrain (mind mapping)
- Celtix (film scripting)
- other

## AV Skills

### Camera and Sound

For all the productions I did the directing, casting and découpage. I cooperated with the writer and made the scenario's. I have very good skills as cameraman and sound-man myself and I can operate and maintain professional AV equipment: camera's (HD, 4K Arri Alexa); sound: Tascam HDP2, Zoom, mixers (SoundDevices, SoundCraft, Mackie), microphones (Neumann, Sennheiser...); photographic equipment: Canon, Leica, Linhof, Hasselblad. I had a basic Steadycam training (Wim Robberechts) and did professional sound recordings and mixes at different studios and in-the-field.

## Filmography

### Director - documentary film

- 2005      **The Bloody Fields of Flanders.** With June Tabor, Paul Rans (VRT Klara) and Nick Balthazar  
Format: dual screen film. HD, 40 min.
- 2005      **The entrance of Christ in Brussels.** Film about the parade representing the painting of James Ensor (Getty, Los Angeles), HD 25 minutes
- 2005      **Luc Tuymans on Léon Spilliaert.** 6 shorts for podcast. With Xavier Tricot. HD, 40 min.
- 2006      **The Antwerp Bell tower.** Film about the historic bell tower and its clocks  
**Erfgoed Vlaanderen - 12 Sites,** 12 films about their heritage projects, HD, 60 min.  
**Un Salon pour Louise.** Film for the 95th birthday of Louise Bourgeois. De 11 lijnen Oudenburg, New York. HD, 20 min.
- 2007      **Roger Raveel on James Ensor.** With Xavier Tricot and curator Piet Coessens. HD, 30 min.  
**The Last Bell Foundry.** Film with Sergeys, the last "classic" bell manufacturer in Flanders.  
**Atelier Van Engelen.** Film with the last two manufacturers of brass instruments in Flanders.
- 2009      Intro film for the exhibition **A City, a General, a King.** Stad Oudenaarde.

### Director - interactive documentary

These productions are with one or more professional TV or film actors or presenters, well known in Flanders. The film sequences are used in multimedia, such as iPod touch or touch screens in a museum.

- 2004      **The Spanish Siege of Ostend.** Het Nieuwe Troje. With Wim Opbrouck, HD.
- 2006      **The Perfume of Ostend.** Léon Spilliaert exhibition. With Tom Van Dyck, HD.
- 2006      **The Sound of the City.** De Klank van de Stad, museum Vleeshuis Antwerpen.
- 2007      **Boem Paukenslag.** Evocative mobile guide for families. Studio Brussels presenter.
- 2007      **Tin Tin and Hergé at sea.** With Vic De Wachter, HD
- 2008      **Hallepoort - Brussel** (two productions for the permanent exhibition). With Warre Borgmans

- 2009 **Straffe Toeren** - 100 jaar circus. With An Miller, HD.
- 2010, 2011 **Pirates, Merchants and Fishermen** - Oostende harbour, with curator Dr. Jan Parmentier, Warre Borgmans. HD
- Entre Paradis et Enfer.** Multimedia Interactive - KMKG Brussel
- 2012 **C-Mine, the story of the coal mines.** Production of a 1h 50min feature interactive documentary for C-Mine Genk (*c-Mine on the iTunes app store*)

## 2D-Animation

- 1996 - 2003 Several 2D-animations for exhibition films for: Desmond Morris, Emile Salkin, Van Ensor tot Delvaux, Paul van Hoeydonck e.a..
- 2009 **Fishing Village Without a Sea.** Direction and mise-en-scène of 60 minute animation documentary movie. Bouchoute, Zeeuws-Vlaanderen.

## Audio production *(non exhaustive list)*

- 2005 Audiosampling van het klokkenbestand van de beiaard en luidklokken van de Onze-Lieve-Vrouwe kathedraal, Antwerpen
- 2007 **Europalia** - Agorafolly. Interviews with 27 European artists. Art parcours in Brussel
- 2008 **Infusion.** Interviews for a travelling exhibition in Flander's hospitals. for FARO
- 2011 Soundscape for **Orbis Media**, MAS, Antwerpen

## Photography and DoP *(non exhaustive list)*

- 2011 Commissioned by the MAS museum Antwerp:
- **Frechie Cemetery.** A reportage about death in the Jewish community in Antwerp.
  - **The Return of the Hajj.** About religion and the Islamic community in Antwerp
- 2012 **Image of a City.** A 4K film showing the retouching on the emulsion of glass negatives by Edmond Sacré (end XIXth century). Client: KIK, Institute for the Art Patrimonium, Brussels. Exhibition held at the STAM museum Gent.

## Art Projects

The projects mentioned below are in the stage of fundraising and approval of the Arts and Heritage subsidizing agency of the Flemish Community.

**In Between Conscience and Conscious.** An exhibition project showing close-ups of people the moment they fall asleep. It's a very intimate moment where the gaze turns from conscious to unconscious. The unconscious state depicts the state of humans ignoring the big ecologic and social problems in the world. The sleep is induced by anaesthetics in a hospital. (pending)

**Damaged.** A (photographic) project about people who don't function anymore in a "normal" way in our society. This, due to the society. People with for instance burn-out and depression who lost their jobs, who need medication and psychiatric assistance and lost their social network. I show the secondary effects like their habitat, working environment, shopping.... (pending)



**Listen to Me.** A project with photography and Chladni figures (graphics generated by sound). showing people who suffer from tinnitus. The visitor can hear the sounds the patient hears due to a reconstruction of the sound by a special app. The graphics are generated by the sound of the tinnitus. (pending)

**Meeting the I.** 3 by 3 meter very high resolution colour photos of human eyes, showing the white, iris and pupil in all detail. The eyes communicate information by a still unknown way. We look for this when meeting people first sight. An interactive film will show an eye with a pupil reacting on the pupil of the visitor. (pending)

**Seamage.** Images generated by bioluminescence of algae in sea water. A frame with algae-rich seawater shows images generated by stimulating the algae with a CO or IR laser. The same experiment will be done above an ocean surface. At night a helicopter can "project" an image the size of a tennis court on the surface. (pending)

## Personal Profile

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### Fields of Interest

#### Architecture

From Art Deco, Bauhaus and Modernism to futuristic durable and ecological constructions. Henri van de Velde, Manfredo Nicoletti, Kenneth Frampton, Anna Heringer and Eike Roswag, Dennis Dollens, the Kasena.... If I get the chance to build another house it would probably be a biomimetic design inspired on genetic architecture.

#### Fine Arts

Especially contemporary art (XXth and XIXth Century) are of interest to me. But also and in no less degree ethnic art. And of course the classical beauty going from the Flemish Primitives to Bonnard, Manet and Caravaggio. Names: Victor Vasarely, Anish Kapoor, Francis Alÿs, Jesper Just, Dara Birnbaum, Pipiloti Rist, Olafur Eliasson, David Hockney, Roger Raveel (whom I knew personally)....

#### Design

I like to design functional and beautiful objects. My creations are like mandalas, vanishing on lost bits of paper. I remember drawing the A170 model of Mercedes, when I was 15 or 16 years old.

#### Photography

From Moholy-Nagy to Jeff Wall, Polaroid, digital and 100 year old techniques.... As photographer I scan the perimeters of different genres: street photography, art, abstract, urban exploration, architecture. Light, form, appearance colour, atmosphere... Life as it is? My oxygen.

#### Film

When I have time I visit an art house cinema or pick some films at a festival. Documentaries are always on my list.

#### Literature

Scientific magazines, art magazines, photography magazines... Classical literature, cartoons, art books, readers, studies, white papers on selected subjects and novels: Paul Auster, to mention one of my favourites. I couldn't do without my (humble) library.

#### Music

Jazz, soul, reggae, world, rock and (almost all) classic! on Ipod, vinyl and CD and live concerts.

## Sports and leisure

Nature! I go to the sea and the mountains to hike, surf, windsurf. Culture tripping, visiting cities and museums. Mens sana in corpore sano: I go jogging and practice yoga (Anusara, Ashtanga, Hatha).

## Memberships

- member of ICOM, International Council of Museums
- member of EDN, European Documentary Network
- member of UBA, Belgian Amateur Radio Society
- member of Leica Photography owners and LFI
- member of Hasselblad owners
- subscribed to: KunstthArt, Aperture, Blow, Photo8, Leica magazine, New Scientist

## Online

### Websites

- [www.PhilippeDruez.be](http://www.PhilippeDruez.be)
- [gallery.lfi-online.com/gallery](http://gallery.lfi-online.com/gallery)
- [www.D8D.com](http://www.D8D.com) (obsolete)
- [www.TouchPort.eu](http://www.TouchPort.eu) (obsolete)
- [www.ComebackderSchönheit.net](http://www.ComebackderSchönheit.net)

### Social Networks

- LinkedIn
- FaceBook
- Twitter
- FourSquare
- FlipBook, Pinterest, ...