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PERSONAL INFORMATION

Fabian Di Fiore, PhD

⦿ Casterhovenstraat 63, 3500 Hasselt, Belgium

▯ +32 495 498830

✉ fabian.difiore@gmail.com

in www.linkedin.com/in/fdifiore/

ⓘD 0000-0003-4908-0673

Gender Male | Date of birth 11 August 1975 | Nationality Belgian

WORK EXPERIENCE

September 2019 – Present	## Professor
Type of business or sector	Academic research and education
Name and address of employer	Hasselt University - Expertise Centre for Digital Media (Belgium)
Main activities and responsibilities	Research in XR and Computer Graphics/Vision/Animation. Teaching and guiding computer science students. Write, guide, manage and cooperate in several research projects.

September 2004 – Present	## Post-doc / Senior Researcher / Researcher-coordinator
Type of business or sector	Academic research and education
Name and address of employer	Hasselt University - Expertise Centre for Digital Media (Belgium)
Main activities and responsibilities	Research in XR and Computer Graphics/Vision/Animation. Teaching and guiding computer science students. Write, guide, manage and cooperate in several research projects. Responsible scientific coordinator of students exchange program in terms of ERASMUS/SOCRATES.

April 2018 – Present	## Financial Coordinator
Type of business or sector	Academic research and education
Name and address of employer	Hasselt University - Expertise Centre for Digital Media (Belgium)
Main activities and responsibilities	Personnel planning. Provide support in budget preparation and drafting of relevant documents. Research past expenditures and generate budget projections.

September 2019 – October 2022	## Professor
Type of business or sector	Academic research and education
Name and address of employer	Hasselt University - School of Educational Sciences (Belgium)
Main activities and responsibilities	Research in and teaching Computer Science teaching methodology.

September 2008 – August 2017	## Guest Professor
Type of business or sector	Academic research and education
Name and address of employer	Hasselt University - Expertise Centre for Digital Media (Belgium)
Main activities and responsibilities	Teaching and research in computer animation and simulation.

October 2010 – July 2015	## Strategic Advisor
Type of business or sector	Animation production company
Name and address of employer	Ultra Pictura (Belgium)
Main activities and responsibilities	Financial and business advisor. Guide, manage and cooperate in animation projects.

October 2004 – October 2009	## Professor
Type of business or sector	Academic research and education

Name and address of employer	University of Antwerp (Belgium)
Main activities and responsibilities	University lecturer. Research in and teaching Computer Science teaching methodology.

September 1998 – September 2004 — PhD, Research Assistant

Type of business or sector	Academic research and education
Name and address of employer	Hasselt University - Expertise Centre for Digital Media (Belgium)
Main activities and responsibilities	Research in Computer Graphics. Teaching several courses, guiding computer science students. Guide, manage and cooperate in several research projects.

August 1997 – September 1998 — Research Assistant

Type of business or sector	Academic research and education
Name and address of employer	Hasselt University (Belgium) - Expertise Centre for Digital Media (Belgium)
Main activities and responsibilities	Teaching several courses, guiding computer science students. Guide, manage and cooperate in several research projects.

EDUCATION

University Education

September 1998 – June 2004 — PhD, Doctor of Philosophy: Computer Science

Name and type of organisation	Hasselt University - Expertise Centre for Digital Media (Belgium)
PhD title	A 2.5D Modelling and Animation Framework Supporting Computer Assisted Traditional Animation
Jury	Frank Van Reeth (*supervisor*), John Patterson (Glasgow University, UK), Philip Willis (University of Bath, UK), Frans Arickx (University of Antwerp, Belgium), Eddy Flerackers, Wim Lamotte, Marc Gyssens

1995 - 1997 — Master in Computer Science (*licentiaat*)

Name and type of organisation	University of Leuven (Belgium)

University Short Courses

Impact without Leadership, Obelisk, 2019

Financial Accounting at School of Expert Education, UHasselt SEE, 2018

iBootCamp to extend business development skills at IBBT - Vlerick Management School, 2008

Effective Leadership at Universiteit Antwerpen Management School, 2007

IT Project Management (*PMBOK® Guide 2004*) at Universiteit Antwerpen Management School, 06 - 07

Business Schooling at Hasselt University, 2005 - 2006

Specialisation in Teaching Methodology at University of Antwerp, 2004 - 2005

Management of Public Services at Hasselt University, 2001 - 2003

RESEARCH SKILLS

Activities

Project coordinator for the Flanders Make SBO project "XRtwin: Cost-efficient authoring of large interactive industrial objects and dynamic environments for XR consumption", 2022–2026

Project coordinator for the SALKTurbo project "XR-Huis: eXtended Reality Huis", 2022–2024

Project coordinator for the IOF-CONCEPT project "Marktverkenning voor AR Cleaning tool", 2022–2023

Project coordinator for the ESF/VLAIO project "XR@work: Begeleidingstrajecten om AR- en VR-technologie naar de werkvloer te brengen", 2021–2023

Project coordinator for the Innovatief onderwijsproject "ViNuS: Virtual Nuclear Simulator", 2020–2022

Project coordinator for the VLAIO Living Lab "AR/MR support for laboratory technicians, process operators and maintenance technicians", 2019–2022

Project coordinator for the Flanders Make project "COVID-19 Sociale afstandsbewaking", 2020

UHasselt-EDM project leader for the VLAIO COOCK project "DWI4Manufacturing", 2021–2024

UHasselt-EDM project leader for the EFRO project "Laagdrempelige digitale experimenteerruimtes - Limburg", 2021–2022

UHasselt-EDM project leader for the H2020 project "iArt: Consumer-oriented ICT Solutions for creative SMEs providing Art in Bespoke Fashion", 2015–2016

UHasselt-EDM technical leader for the IWT project "SANTE: Stylized Animation Technology", 2009–2011

UHasselt-EDM technical leader for the IBBT-IWT project "SANTA BuMo: Stylized Animation Technology and Business Modelling", 2009–2011

UHasselt-EDM technical leader for the IBBT iBootCamp project "SANTE: Stylized Animation Technology", 2008

UHasselt-EDM technical leader for the IBBT project "Again at my School by Fostering Communication through Interactive Technologies for long term sick children (ASCIT sick children)", 2005–2007

Contributor for the Flemish Resilience project "MAXVR-INFRA: een schaalbare en flexibele infrastructuur voor de transformatie naar digitaal-fysieke werkomgevingen", 2021–2025

Contributor for the Flemish Voorsprongfonds "Geconnecteerde Collaboratieve Leeromgevingen", 2021–2023

Contributor for the IST project "Creative Use of Style & Technology for Ordering the Design and Interactive Elaboration of the Vision (CUSTODIEV)", IST-2001-37116, 2002–2005

Contributor for the IST project "3-Dimensionality and Interactive Networked Collaboration for TRaditional Animation Production (3DINCTRAP)", IST-1999-56412, 2001–2002

Publications

Author of 10 internationally refereed A1 journal publications, 2 other journal publications, 4 book chapters and 27 internationally refereed proceedings publications.

Editorial member of 1 special issue journal and 1 conference proceedings.

For a complete overview please visit `https://www.uhasselt.be/nl/wie-is-wie/detail/fabian-difiore`

Presentations

Presented at +21 paper sessions, +5 panel sessions and +20 invited talks

Chairing

Program and organising chair of Computer Animation and Social Agents (CASA2007)

IPC member of +25 international conferences

Awards

Award 'AMDO 2014 Most Suitable for Commercial Application' for the paper 'Real-Time Hand-Painted Graphics for Mobile Games'

Reviewer

Reviewed over 200 articles, 2022–2003

Member of panel of experts (Baekeland, SME-market study and SME-project, IWT-Vlaanderen / VLAIO)

External member of the jury of a PhD defense at University of Utrecht (the Netherlands), 2016

External member of the jury of a PhD defense at EPFL (Switzerland), 2009

Associate editor for Virtual Reality journal 2014–2009

Project submitted to Swiss National Science Foundation (SNCF) 2014, 2009

ORGANISATIONAL SKILLS

Conference Chairing

Program and organising chair of Computer Animation and Social Agents (CASA2007)

IPC member of +25 international conferences

Corporate Management

Member of the EDM executive committee

Member of the EDM steering group

Strategic advisor of animation production company Ultra Pictura

Member of the UHasselt marketing group

Member of the UHasselt faculty marketing group: sciences

Workgroup leader of the UAntwerpen marketing group: "werkveld"

Project Management

Project coordinator for the Flanders Make SBO project "XRtwin: Cost-efficient authoring of large interactive industrial objects and dynamic environments for XR consumption", 2022–2026

Project coordinator for the SALKTurbo project "XR-Huis: eXtended Reality Huis", 2022–2024

Project coordinator for the IOF-CONCEPT project "Marktverkenning voor AR Cleaning tool", 2022–2023

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UHasselt-EDM technical leader for the IBBT iBootCamp project "SANTE: Stylized Animation Technology", 2008

UHasselt-EDM technical leader for the IBBT project "Again at my School by Fostering Communication through Interactive Technologies for long term sick children (ASCIT sick children)", 2005–2007

Advisory Boards

Member of several advisory boards and education commissions at Hasselt University and University of Antwerp

Coordinator

Responsible scientific coordinator at Hasselt University of ERASMUS/SOCRATES, master thesis, bachelor thesis, work placement and marketing of computer science

Course coordinator of Didactics of Computer Science at University of Antwerp

Course coordinator of Computer Animation and Simulation, Computer Systems and Architecture, Microprocessors, Web Programming, Didactics of Computer Science and Mathematics, Capita Selecta of Multimedia, Programming in C, Object Oriented Programming in C++, Informatics Tools, Bachelor thesis, Master thesis and Work placement at Hasselt University

TEACHING SKILLS

Courses

Computer Animation and Simulation, Computer Systems and Architecture, Microprocessors, Web Programming, Programming in C, C++ and Pascal, Didactics of Computer Science, Informatics Tools, Multimedia Information Systems, Telecommunication and Telematics, Administrative Information Systems

Supervision

I guided many students doing teaching practice in secondary education, many students for their masters degree thesis, and many students for their bachelors degree thesis

Examiner

External member of the jury of a PhD defense at the univeristy of Utrecht (the Netherlands), 2016

External member of the jury of a PhD defense at EPFL (Switzerland), 2009

External member of the examiner's board of the secondary teacher training at CVO Limlo (Diepenbeek)

TECHNICAL SKILLS

(Mobile) Operating Systems

Programming Languages

Application Programming Libraries (APIs)

Web Programming

Graphical User Interfaces (GUIs)

Scripting Languages

Software Development Tools

Office Tools

PERSONAL SKILLS

Languages   Dutch (mother tongue), English (C1+), French (passive knowledge)
Driving license   EU driver's license, category B
Social   Board member and webadmin of the parent and school council
Artistic   Cooking, Guitar playing