

# Amalia Kallergi

Date of Birth: ///////////////  
Place of Birth: ///////////////////////////////////////  
Address: ///////////////////////////////////////  
Phone: ///////////////  
E-mail: mail AT kallergia DOT com  
Nationality: ////

## EDUCATION

2008- 2012 PhD research program, Imaging and Bioinformatics, Leiden Institute of Advanced Computer Science (LIACS), Faculty of Science, Leiden University. Thesis title: "Connecting the Dots- Playful Interactions with Scientific Image data in Repositories"  
2003- 2006 Master Media Technology, LIACS, Faculty of Science, Leiden University. Thesis title: "Provocative tactics in the museum territory"  
1997- 2002 Bachelor Computer Science, Department of Informatics, Faculty of Science, Aristotle University of Thessaloniki

## WORK EXPERIENCE

Aug 2014- today Lecturer/ NL: Docent (0.6 fte) for the Centre for the Arts in Society (LUCAS), Leiden University:  
- Since Aug 2016, responsible for the development of the new Ba Art History track "Arts, Media and Society"  
Aug 2013- today Senior Lecturer/ US: Associate professor (0.4 fte) for the Master in Interaction Design (MIXD), Norwegian Media Technology Lab, Norwegian University of Science and Technology (NTNU) (formerly Gjøvik University College), Norway:  
- Course responsible and master thesis supervisor  
Nov 2006- Feb 2016 Teacher Introductory Courses, Royal Academy of Art, the Hague (KABK)  
Dec 2013- June 2014 Research fellow for LUCAS: Submitted the NWO funding proposal "Hands-on bioethics. Bioart, DIY biology and (serious) gaming as platforms of participation in the debate regarding human enhancement" and coordinated the Leiden University Honours class "Who Owns Life?" (2014)  
Sept 2010- mid 2014 Lecturer "Introduction to Programming" for the Media Technology Master Program, Leiden University  
2010- mid 2013 Scientific Manager for The Arts & Genomics Centre (0.2 fte): Coordinated the Leiden University Honours classes "VivoArts: Art and Biology Studio-Wet Lab Practice and Bio-Art Pedagogy" (2010), "Art Matters" (2011) and "Who Owns Life?" (2012-2013)  
2007- 2008 Scientific programmer, database development, Cyttron project, Imaging and Bioinformatics, LIACS, Leiden University

## COURSES TAUGHT/ ASSISTED

### *Courses taught at master level (MSc)*

Fall 2014- 2016	"Usability and Human Factors in Interaction Design", Master in Interaction Design, NTNU in Gjøvik (formerly Gjøvik University College)- course responsible- <b>3 editions</b>
Spring 2014	"Methods in User-Centered Design", Master in Interaction Design, NTNU in Gjøvik (formerly Gjøvik University College) - guest lecturer and examiner
Fall 2010- 2014	"Introduction to programming", Media Technology MSc, Leiden University- <b>4 editions</b>

### *Courses taught at bachelor level (BSc)*

Spring 2015, 2016	"Who Owns Life? Ethical, Juridical and Artistic Encounters with Biotechnology", honours class, Leiden University (together with Prof. R. Zwijnenberg)- <b>2 editions</b>
Fall 2014- 2016	"Ethics, culture and biotechnology", minor "Responsible Innovation", Leiden University (together with Prof. R. Zwijnenberg)- <b>3 editions</b>
Fall 2014, 2015	"Life Sciences for Society", minor "Entrepreneurship for Society", Leiden University (together with Prof. R. Zwijnenberg)- <b>2 editions</b>
Sept 2015	"Game Design", introductory course, KABK (together with Wim van Eck)
April 2015	"Game Design", ibid.
Nov 2013	"Game Design Special: Re-Experiencing an Opera with the Oculus Rift", introductory course, KABK (together with Wim van Eck)
Feb 2011	"Data visualization as the augmenting of space", research lab ArtScience, KABK (together with Wim van Eck)
Apr 2009	"Game Design", ibid.
2006-2015	"Programming Interactions with Processing", introductory course, KABK- <b>13 editions</b>

### *Course taught, other*

Mar 2007	"Web design", alumni course, KABK
Oct 2007	"Introduction to Processing for Graphic Designers", Lava Grafisch Ontwerpers

### *Courses assisted at master level (MSc)*

2013, 2008-2011	"Human Computer Interaction", Media Technology MSc/ Computer Science BSc, Leiden University- <b>4 editions</b>
2009, 2004	"Introduction to programming", ibid.
2005	"Web technology", Media Technology MSc, Leiden University

### *Courses assisted at bachelor level (BSc), honours college*

2011- 2014	"Who Owns Life? Ethical, Juridical and Artistic Encounters with Biotechnology", ibid.- <b>4 editions</b>
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## COMPUTING

<i>Game programming</i>	Unity Game Engine
<i>Mobile programming</i>	Unity Game Engine
<i>Multimedia programming</i>	Processing.org, Java
<i>Hardware programming</i>	Arduino
<i>Prototyping</i>	Axure RP, Justinmind, various wireframing/mockup tools, pen and paper
<i>Applications</i>	Office Automation, Dreamweaver, Photoshop, Inkscape, Latex

## LANGUAGES

Greek	Mother tongue
English	Proficient – Level C2 “Common European Framework of Reference”
Dutch	Basic skills

## EXTRACURRICULAR ACTIVITIES

Autumn 2011	Autumn School on Computational Creativity, University of Helsinki
Spring 2008	Leiden University honours class “Bio-Art: Contemporary Art and the Life Sciences”

## PERSONAL INTERESTS

Contemporary dance and dance improvisation, paper folding, knitting

## LIST OF PUBLICATIONS

### *PhD Thesis*

**A. Kallergi.** Connecting the Dots: Playful Interaction with Scientific Image Data in Repositories. Department of Imaging and Bioinformatics, Leiden Institute of Advanced Computer Science (LIACS), Faculty of Science, Leiden University, 2012-12-18.

### *Chapters in edited books*

**A. Kallergi.** CRISPR, The Ultimate Anthropocene Technology?. In: M. de Meyer, T. Joye, B. Strubbe, editors, *Manmade*, pages 173-175. Hannibal Publishing, 2016.

**A. Kallergi** and F. J. Verbeek. Playful interfaces for scientific image data: A case for storytelling. In K. Blashki and P. Isaías, editors, *Emerging research and trends in interactivity and the human-computer interface*, pages 471-489. IGI Global, 2014.

**A. Kallergi**, Y. Bei, P. Kok, J. Dijkstra, J. P. Abrahams, and F. J. Verbeek. Cyttron: A virtualized microscope supporting image integration and knowledge discovery. In C.M.P. Backendorf, M.H.M. Noteborn, and M. Tavassoli, editors, *Proteins killing tumour cells, Cell Death and Disease Series*, pages 291–315. ResearchSignPost, 2009.

### *Full papers in peer reviewed conferences*

W. van Eck and **A. Kallergi.** Trees as Time Capsules: Extending Airborne Museum Hartenstein to the Forest. In *Proceedings of the 19th International Symposium on Electronic Art, ISEA2013*, 2013.

**A. Kallergi** and F. J. Verbeek. Storytelling as playful exploration of biological image data: Reviewing a candidate interaction paradigm. In *Proceedings of the IADIS International Conference Interfaces and Human Computer Interaction 2012*, pages 35-42, 2012. **[Best paper award]**

**A. Kallergi** and F. J. Verbeek. The games Flickrites play: An investigation of Flickr-based gaming activity with special focus on opportunities for exploratory interaction. In *Proceedings of the IADIS International Conference Game and Entertainment Technologies 2011*, pages 35-42, 2011.

### *Short papers in peer reviewed conferences*

**A. Kallergi** and F. J. Verbeek. Onto-Frogger: The making of. In *Proceedings of the 6th Nordic Conference on Human-Computer Interaction: Extending Boundaries, NordiCHI '10*, pages 691-694, New York, NY, USA, 2010. ACM.

**A. Kallergi** and F. J. Verbeek. Video games for collection exploration: Games for and out of data repositories. In Proceedings of the 14th International Academic MindTrek Conference: Envisioning Future Media Environments, MindTrek '10, pages 143-146, New York, NY, USA, 2010. ACM.

J. Slob, **A. Kallergi**, J. Dmitrieva, and F. J. Verbeek. Towards metadata patterns in image databases. In Supplementary Proceedings of Pattern Recognition in Bioinformatics (PRIB 2010), 2010.

**A. Kallergi** and F. J. Verbeek. Onto-Frogger: Playing with semantic structure. In M. S. Marshall, A. Burger, P. Romano, A. Paschke, and A. Splendiani, editors, Proceedings Workshop on Semantic Web Applications and Tools for Life Sciences (SWAT4LS), volume 559 of CEUR-Workshop Proceedings, 2009.

**A. Kallergi**, Y. Bei, and F. J. Verbeek. The ontology viewer: Facilitating image annotation with ontology terms in the CSIDx imaging database. In Workshop on Visual Interfaces to the Social and the Semantic Web (VISSW2009), 2009.

J. Slob, **A. Kallergi**, and F. J. Verbeek. Observations on semantic annotation of microscope images for life sciences. In M. S. Marshall, A. Burger, P. Romano, A. Paschke, and A. Splendiani, editors, Proceedings Workshop on Semantic Web Applications and Tools for Life Sciences (SWAT4LS), volume 559 of CEUR-Workshop Proceedings, 2009.

#### *Other*

**A. Kallergi**. Bioart on display: Challenges and opportunities of exhibiting bioart, 2008. URL [http://www.kallergi.com/bioart/docs/kallergi\\_bioartOnDisplay.pdf](http://www.kallergi.com/bioart/docs/kallergi_bioartOnDisplay.pdf).

**A. Kallergi** and M. Lamers. Word-of-Mouth: A technologically mediated agent provocateur. In Proceedings of the Nordic Digital Excellence in Museums Conference (NODEM 08), 2008.

#### **AWARDS**

6 October 2016	Finalist, International Educational Games Competition, European Conference on Games Based Learning ECGBL 2016
19 June 2013	Second Honourable Mention, Award for Best Contribution to Creative Communication 2013, ACM Creativity and Cognition 2013
23 July 2012	Best paper award, IADIS International Conference Interfaces and Human Computer Interaction 2012

#### **PROFESSIONAL ACTIVITIES**

6 November 2015	DIY DNA extraction workshop and guest lecture "Hands-on: DIY-Biology and Bioart", Frankenstein Festival, ArtEZ Studium Generale, ArtEZ University of the Arts, Enschede.
early 2014	Scientific committee member Chi Sparks 2014
early 2014	Reviewer for the 9th International Conference on Persuasive Technology (PERSUASIVE 2014).
Summer 2013	Reviewer for the Proceedings of the 19th International Symposium on Electronic Art, ISEA2013
Spring 2013	Co- Coordinator "Living Couture or: How I learned to stop worrying and love bio-technology" public event and exhibition, Leiden
1 March 2013	Public lecture "There are stories to be told: Storytelling with scientific images", Leiden Science Communication Seminar, Leiden
7 February 2013	Public lecture "Connecting the Dots", Public lecture for the opening of the Media Technology exhibition "Transition", Leiden
Spring 2009	Coordinator Art Track, CHI-NL conference