

Curriculum vitae



PERSONAL INFORMATION

João 'Cão' Duarte

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PROFESSIONAL EXPERIENCE

01/2015 – Present

Philosophy of Science Researcher

CFCUL - Centre for Philosophy of Science of the University of Lisbon, Lisbon (Portugal)

Member of the research group on Epistemology and Methodology, cooperating with the thematic lines of Unity of science and Interdisciplinarity; Philosophy of technology; and the Science Art Philosophy Lab. Ongoing research focus on interdisciplinarity and participation in science research.

10/2014–Present

Project Coordination and Action Research

Canto do Curió Cultural Association, Lisbon (Portugal)

<http://cantodocurio.blogspot.pt/>

Coordination, facilitation and action research for 'Novos Decisores Ciências' project – that joins inhabitants from the neighborhood of 2.º Torrão, Trafaria, Almada with professional science researchers, local facilitators and mediators from *Nouveaux Commanditaires Sciences* network. The common aim is the co-construction of an original science research question. More information at <http://www.joursavenir.org/ncs/en;>

Facilitator/ socio-educational animator in joint interventions in other territories (Lisbon's public spaces in cooperation with FRAME 408; Portuguese environmental education and activism with GAIA and Projecto 270; Almada's public spaces with Associação Ensaios & Diálogos).

02/2012–12/2015

Science and Technology Animation

MUHNAC – National Museum of Natural History and Science

Rua da Escola Politécnica 56-58, 1250-102 Lisbon (Portugal)

<http://www.museus.ulisboa.pt/>

Design and implementation of cultural animation activities on: Astronomy, Mathematics, Biodiversity, Creative expression, Heritage and History of Sciences and other tipologies with transversal qualities.

02/2015–08/2015

Risk Reduction and Pleasure Management

APDES – Piaget Agency for Development -

Alameda Jean Piaget nº 100, Apartado 1523, 4411-801 Vila Nova de Gaia (Portugal)

<http://www.apdes.pt/>

Intervention in party settings as a peer worker, giving materials and sharing information on risk reduction and pleasure management related to the consumption of psycho-active substances.

02/2011–08/2011

Science and Technology Animation

CIBIO, centre for the research in biodiversity and genetic resources

Campus Agrário de Vairão R. Padre Armando Quintas, 4485-661 Vairão (Portugal)

<http://cibio.up.pt>

Design and implementation of activities of scientific communication and environmental education. Explainer for groups that visited the exhibition “Darwin's Evolution” in Porto city during this period. This exhibition was before implemented in Lisbon by Fundação Calouste Gubenkian in 2009.

03/2009–12/2010

Science and Technology Animation

EXPLORATÓRIO Infante D. Henrique

Parque Verde do Mondego, Santa Clara, Apartado 5111, 3041-901 Coimbra (Portugal)

<http://www.exploratorio.pt/>

Explainer for this Science Centre from Coimbra, motivating the visitors to interact with the exhibits. This colourful Museum has permanent exhibitions, staff and equipment dedicated to the communication of Physics, Chemistry, Botany, Geology, Zoology and Astronomy.

03/2010–12/2010

Science Animation/ Trainer

SCIENCE4YOU, SA

Edifício ICAT, Campus Faculdade de Ciências, Universidade de Lisboa, 1749-016 Lisboa (Portugal)

<http://www.science4you.pt/>

Science Explainer and facilitator for children and youngsters in activities connected to basic sciences (Chemistry, Physics, Biology and Geology). Non-formal education trainer and organizer of events. Science4You is a company for scientific toys and animation of activities for children and youngsters.

03/2010–12/2010

Socio-Cultural Animation

Mandacaru – Cooperative for cultural and social intervention

Rua Fernandes Tomás, no 17 - 3o direito, 3000-168 Coimbra (Portugal)

<http://coop-mandacaru.weebly.com/>

Socio-cultural animation for different publics under two projects: 1. Design and performance of characters under the project “Who lives here” in the historical theme Park “Portugal of the little ones”. This intervention was aimed to stimulate the interaction with the historical heritage through

the comprehension of the surrounding space and its main public were children from five to twelve years old; 2. Socio-cultural animation and acting in the "Garden's Treasure", an adaptation of "Forest" of Sophia de Mello Breyner that mixed fantasy and storytelling with Botany and Biological Sciences' hands-on experiments. This play took place in Coimbra's Botanical Garden and was aimed for young children, from five to seven years old.

10/2010–12/2010

Science and Technology Animation

Les Atomes Crochus

Ecole Normale Supérieure, 45 rue d'Ulm, 75005 Paris (France)

<http://www.atomes-crochus.org/>

Job shadowing internship following Les Atomes Crochus, an organisation that acts pedagogically, communicating and disseminating science culture and sustainable development through art and games. The activities in the time frame considered concerned mostly "Fête de la Science", a Science culture festival taking place at the Île-de-France region. Sponsorship of Grundtvig Program– Lifelong Learning Agency of the European Community.

02/2007–01/2008

Project Coordination – Cultural Intervention

DUHA – Sdružení dětí a mládeže pro volný čas, přírodu a recesi -

Senovážné náměstí 24, CZ 116 47 Praha 1 Praga (Republica Checa)

<http://www.duha.cz/>

European Volunteer Service: Administrative work and Project management. Co-ordination of the european project "Doduhy/ Reach the Rainbow" (2007) – a czech socio-cultural itinerant intervention program with nine international volunteers –; Organisation of active weekends with different non-governmental organisations with the project "Tamjdem"; Co-organisation of seminars and trainings; Development of basic Media editing skills – shooting and editing video, analogical and digital photography, text production, website' editing.

09/2005–09/2006

Internship – Neuroscience Research - Neuromodulation

Neuromodulation Group - CNBC (Centre for Cellular Biology and Neuroscience)

Department of Zoology, Coimbra's University, 3004-517 Coimbra (Portugal)

<http://www.cnbc.pt/>

Basic Scientific research in the area of Neuromodulation – Neuroscience. Study of the role of an inflammatory cytokine as a neuromodulator in processes of memory and learning. In-vivo and ex-vivo research with rats and mice and applying functional and proteomic methods.

EDUCATION AND TRAINING

09/2011–12/2015

MSc History and Philosophy of Science

Faculty of Sciences of the University of Lisbon

Campo Grande, 1749-016 Lisboa (Portugal)

<http://www.fc.ul.pt/>

Basic training on the principal themes, problems and tendencies that marked the development and evolution of the disciplines of the History and the Philosophy of Sciences in an international context.

01/2010–05/2010

PILOTS Training

ECSITE – European Network of Museums and Science Centres -

Coudenberg 70, 5th floor, 1000 Brussels (Netherlands)

<http://www.ecsite.eu/>

Training for interaction with adults for explainers in Museum's and science centre's context. Interchange of best practices among participants. As follow-up and dissemination tool, each

participant organized a Co-PILOTS session in his or hers institution. In this case, in Exploratório two sessions were implemented at February 19th and May 20th , 2010.

02/2010–02/2010

Training – Science Explainer

Science4You, Lisboa (Portugal)

Science Animation (group facilitation, production and organisation of scientific events and workshops).

10/2008–02/2009

Theory of Social Communication (5 ECTS)

10 (/20)

Faculty of Humanities – University of Porto, Porto (Portugal)

10/2008–02/2009

History and Theory of Photography (3 ECTS)

14 (/20)

Faculty of Fine Arts – University of Porto, Porto (Portugal)

02/2008–07/2008

Management and Communication of Science, Technology and Innovation (3 ECTS)

16 (/20)

ISEG (Superior Institute of management and economy) – Technical University of Lisbon, Lisbon (Portugal)

09/1999–09/2006

BSc Biochemistry (pre-Bologna)

Departament of Biochemistry – Faculty of Sciences and Technology – University of Coimbra, Coimbra (Portugal)

PUBLICATIONS - ARTICLES

João Cão Duarte (2016) *Do-It-Yourself biology as Jacques Rancière's Icaria. New territories based on equality to research in biotechnology*. Pulse 4 (in press)

Ana Patrícia Simões, João A Duarte, Fabienne Agasse, Paula Margarida Canas, Angelo R Tomé, Paula Agostinho and Rodrigo A Cunha (2012) *Blockade of adenosine A_{2A} receptors prevents interleukin-1 β -induced exacerbation of neuronal toxicity through a p38 mitogen-activated protein kinase pathway*. In Journal of Neuroinflammation 9: 204

Ana Patrícia Simões, Carla Silva, João A Duarte and Rodrigo A Cunha (2010) *Blockade of adenosine A_{2A} receptors prevents the exacerbation of glutamate excitotoxicity by interleukin-1 beta in cultured hippocampal neurons*. In Purinergic Signalling 6:107-108

EVENT ORGANISATION-COORDINATION

Participar na investigação científica? Como? (To participate in science research? How) – Public discussion forum organized at the Faculty of Sciences of the University of Lisbon (FCUL) with the Centre for the Philosophy of Sciences of the University of Lisbon (CFCUL) at March 10th 2016.

COMMUNICATIONS

Ana Martins, Bárbara Santos, Catarina, Cloti Monteiro, Daniel Ehrhart, Jimmy, João Cão Duarte, Livio Riboli-Sasco, Leonor Valfigueira, Rui Taborda, Tatiana Arquizan, Grupo das perguntas dos Novos Decisores Ciências (2016) *Será que o Mar come o Torrão? Quando e como? Montagem de exposição on-demand*. Science Communication Congress SciCom PT 2016. Lisboa, Portugal, May 26-27 2016. Digital poster presentation;

Albano Ribeiro, Andreia Nisa, Cristiana Pires, Inês Diniz, João Cão Duarte, Pedro Monteiro, Raquel Pereira (2015) *Drug Checking em Portugal - Redução de Riscos e Investigação-Acção em contextos festivos*. Science Communication Congress SciCom PT 2015. Lagos, Portugal, May 28-30 2015. Digital poster presentation;

Bárbara Santos, Leonor Valfigueira, João Cão Duarte (2015) *Novos Decisores de Ciências do 2.º Torrão – Crianças em acção*. Science Communication Congress SciCom PT 2015. Lagos, Portugal, 28-30 Maio 2015. Digital poster presentation;

João Cão Duarte (2015) *Do-It-Yourself Biology Movement - The search for a community of equals*. Seminário Permanent Seminar of Philosophy of Sciences of the Centre for the Philosophy of Sciences of the University of Lisbon, Lisbon, Portugal, January 27th 2015. Oral communication;

João Duarte, Maria Antónia Forjaz, Maria Judite Almeida, Marina Maciel, Cristina Almeida Aguiar, Alexandra Nobre (2014) *A Biologia e a Matemática vistas com as mãos e com os olhos através do croché*. Science Communication Congress SciCom PT 2014 – Science Communication on the local, regional, national and international development. Porto, Portugal, June 3-4 2014. Associated author of a poster presentation;

Coline Salzmann, João Cão Duarte (2014) *Novos decisores das ciências, investigação-acção do 2.º Torrão*. Science Communication Congress SciCom PT 2014 - Science Communication on the local, regional, national and international development. Porto, Portugal, June 3-4 2014. Poster presentation;

João Cão Duarte (2014) *Novos decisores das ciências - investigação científica e esfera pública*. VIII Jornadas Ibéricas - Debates da Filosofia da Ciência Contemporânea, Lisboa, Portugal, May 27-29 2014. Oral Communication;

João Cão Duarte (2013) *Can we play science? Heuristic strategies of science research*. International Conference Philosophy of Science in the 21st Century – Challenges and Tasks. Lisbon, Portugal, December 3-4 2013. Oral Communication;

João Cão Duarte (2013) *Peut-on jouer à la Science? Strategies Heuristiques de Recherche Scientifique*. 32nd edition of JIES - Journées Internationales sur la Communication, l'Éducation et la Culture Scientifiques, Techniques et Industrielles-dedicated to the theme 'Jouer ou apprendre?'. May 22nd 2013. Oral communication;

Ana Patrícia Simões, Carla Silva, João A Duarte, Paula M Canas and Rodrigo A Cunha (2009) *Blockade of Adenosine A2A and ATP P2Y1 Receptors Prevents IL1B Associated Neuronal Toxicity*. 11th Meeting of the Portuguese Society for Neuroscience. Braga, Portugal, June 4-6 2009. Associated author to an oral presentation;

Ana Patrícia Simões, Carla Silva, João A Duarte and Rodrigo A Cunha (2008) *Blockade of adenosine A2A or P2Y1 receptors prevents interleukin-1Beta-mediated JNK phosphorylation in hippocampal neurons*. Purines 2008 Meeting. Copenhagen, Denmark, June 29 – July 2 2008. Associated author to an oral presentation.