



Universiteit
Leiden
The Netherlands

Design, implementation and evaluation of transnational collaborative programmes in astronomy education and public outreach

Rodrigues Dos Santos Russ, P.M.

Citation

Rodrigues Dos Santos Russ, P. M. (2015, November 10). *Design, implementation and evaluation of transnational collaborative programmes in astronomy education and public outreach*. Retrieved from <https://hdl.handle.net/1887/36593>

Version: Not Applicable (or Unknown)

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/36593>

Note: To cite this publication please use the final published version (if applicable).

Cover Page



Universiteit Leiden



The handle <http://hdl.handle.net/1887/36593> holds various files of this Leiden University dissertation.

Author: Rodrigues dos Santos Russo, Pedro Miguel

Title: Design, implementation and evaluation of transnational collaborative programmes in astronomy education and public outreach

Issue Date: 2015-11-10

Curriculum Vitae

Pedro Russo

Nationality: Portuguese

Date of Birth: 22 September 1977

Work Experience

2011 – present: Leiden Observatory/Leiden University, the Netherlands
International Manager of Education and Public Outreach Projects
Universe Awareness, IAU astroEDU, H2020 EU Space Awareness (2015 -2018),
FP7 Teaching Mysteries with Enquiry Incorporated (2012 - 2016) and EU Universe Awareness (2011-2013).

2007 – 2010: International Year of Astronomy 2009 Secretariat, Garching bei München, Germany (ESO education and Public Outreach Department / International Astronomical Union / UNESCO)
International Year of Astronomy 2009 Coordinator / Outreach Scientist

2000 - 2006: Centro Multimeios de Espinho, Portugal
Astronomer. Content Research, Development and Production Department Coordinator.

Education

Feb. 2006 – Jul. 2007: Max Planck Institute for Solar System Research, Germany / International Max Planck Research School on Physical Processes in the Solar System and Beyond at the Universities of Braunschweig and Göttingen.

2005: Faculty of Sciences, University of Porto, Portugal
Master in Geophysics & Licenciatura in Physics/Applied Mathematics (Astronomy) Research thesis: Thermal Inertia and Surface Properties of Mars.

1995: Pêro da Covilhã Secondary School, Covilhã, Portugal
High School Degree

1987: Figueira de Castelo Rodrigo Elementary School, Fig. Cast. Rodrigo, Portugal

Awards

- 2015: Scientix Award for Best Resources in Science, Technology, Mathematics and Engineering for Universe in a Box
- 2015: Finalist of Qatar Foundation's WISE Awards in Innovation in Education (winners to be announced in Sep. 2015)
- 2014: Scientix Award for Best Resources in Science, Technology, Mathematics and Engineering for IAU astroEDU
- 2011: American Association for the Advancement of Science - Science Magazine SPORE Award for Universe Awareness
- 2010: Portuguese National Multimedia Award for the TV show 1 Minute of Astronomy
- 2009: Seeds of Science 2009: Special Prize.

Selected Publications

Russo, P., Gomez, E., Heenatigala, T., Strube, L., 2015, *Peer-review Platform for Astronomy Education Activities*, eLearning papers, eLearning Papers #40 ISSN: 1887-1542 (article)

Ashton, A., Russo, P., Heenatigala, 2014, *Crowdfunding Astronomy Outreach Projects: Lessons Learned from the UNAWE Crowdfunding Campaign*, Communicating Astronomy with the Public journal 16 (article)

Harris, H., Russo, P., 2014, *The Influence of Social Movements on Space Astronomy Policy*, Space Policy journal (article)

Russo, P. (Ed.), 2013, *Universe in a Box Activity Book*, English ISBN: 978-94-91760-00-6 (book)

Rosenberg, M., Russo, P., Bladon, G., Christensen, L.L., 2013, *Astronomy in Everyday Life*, Communicating Astronomy with the Public journal 14 (article)

Russo, P. (Ed.), 2013, *Stella & Giotto: Kamishibai Storytelling*, ISBN: 978-94-91760-05-1 (book)

Ribeiro, V. A. R. M., Russo P., Cardenas-Avendano, A., 2013, *A Survey of Astronomical Research: An Astronomy for Development Baseline*, Astronomical Journal. (article)

Russo, P., Christensen, L.L., 2010, *International Year of Astronomy 2009 — Final Report*, International Astronomical Union, ISBN: 978-3-923524-65-5 (report)

Selected Invited Talks

- *IAU astroEDU*, August 2015, Invited Talk, IAU General Assembly, Division C meeting, Honolu, USA
- *The Next Light Wave: why too much light might be an issue*, July 2015, Invited Keynote, Light, from the Earth to the Stars Conference, Lisbon, Portugal
- *Astronomy Education and Public Outreach for Development*, February 2013, Invited Colloquium, National Astronomical Observatory of Japan, Japan
- *Astronomy for Human Capacity Building: Children & Schools*, March 2013, Global Science, European Parliament, Brussels, Belgium

Selected Professional Activities

- President for the IAU Division C Commission C2: Communicating Astronomy with the Public, 2012 – present
- Member of the Expert Space Group for the Netherlands Space Office, 2012 – present
- Chair for Task Force: School & Children, IAU Office of Astronomy for Development, 2012 – present
- Science Advisor for the Ministry of Science and Technology of the Republic of Mozambique, 2010 – 2011
- Member of the International Astronomical Union, since 2009

Acknowledgements

During the last years I have been collaborating with amazing individuals who have influenced me greatly. This thesis wouldn't had been possible without the direct and indirect contributions of uncountable friends, colleagues and collaborators. Any attempt to list their names would be unfair and incomplete. However, I would like to express my very great appreciation to all my co-authors: Lars Lindberg Christensen, Catherine Cesarsky, Grace Kimble, Abi Ashton, Alessandra Zanazzi, Alexandra Stavinschi, Andreas Quirrenbach, Carolina Ödman-Govender, Cecilia Scorza, Deirdre Kelleghan, Eloi Arisa, Erik Arends, Kevin Govender, Jaya Ramchandani, Filippo Mannucci, Franco Pacini, Jaime Fabregat, Lara Albanese, Libby McKearney, Mark Bailey, Natalie Fischer, Sarah Reed, Sarah Roberts, Sivuyile Manxoyi, Troshini Naidoo, Rosa Maria Ros, Wouter Schrier, Ruth Versfeld, Edward Gomez, Thilina Heenatigala, Linda Strubbe, Jaya Ramchandani, Valerio Ribeiro, Alejandro Cardenas-Avendano and Hannah Harris. I would also like to thank Mara van Beusekom and Iris Nijman for the Dutch translation of the summary.

I would also like to extend my appreciation to everyone involved with the International Year of Astronomy 2009, all the members of the UNAWE team and network, the IAU astroEDU team and all the colleagues and friends that have supported me since I came to work at Leiden University, the Leiden Observatory and Science Communication and Society department.

