

## 1. Scientific record

### 1.1 Refereed articles in scholarly journals

- Díaz, C., Ponti, M., Haikka, P., Basaiawmoit, R., & Sherson, J. (Forthcoming). More than data gatherers: exploring player experience in a citizen science game. *Quality and User Experience*.
- Vohland, K., Sauermann, H., Antoniou, V., Balazs, B., Göbel, C., Karatzas, K., Mooney, P., Perelló, J., Ponti, M., Samson, R., & Winter, S. (Accepted for publication). Citizen science and sustainability transitions. *Research Policy*.
- Skarlatidou, A., Ponti, M., Sprinks, J., Haklay, M., Nold, C., & Kanjo, E. (Eds.). (2019). Guest Editorial on Special Issue: User Experience of Digital Technologies in Citizen Science. *Journal of Science Communication* 18(01). [https://jcom.sissa.it/archive/18/01/JCOM\\_1801\\_2019\\_E](https://jcom.sissa.it/archive/18/01/JCOM_1801_2019_E)
- Ponti, M., Hillman, T., Kullenberg, C. & Kasperowski, D. (2018). Getting it Right or Being Top Rank: Games in Citizen Science. *Citizen Science: Theory and Practice*, 3(1): 1, pp. 1–12, DOI: <https://doi.org/10.5334/cstp.101>
- Ponti, M., Stankovic, I., Barendregt, W., Kestemont, B., & Bain, L. (2018). Chefs Know More than Just Recipes: Professional Vision in a Citizen Science Game. *Human Computation*, 5:1:1-12, DOI: 10.15346/hc.v5i1.1
- Hecker, S., Bonney, R., Hacklay, M., [and 17 others, including Ponti, M.]. (2018). Innovation in citizen science – Perspectives and recommendations. *Citizen Science: Theory and Practice*, 3 (1): p. 4. DOI: <http://doi.org/10.5334/cstp.114>
- Ponti, M. (2015). “Remember to hand out medals”: Peer rating and expertise in a question-and-answer study group. *International Review of Research in Open and Distributed Learning (IRRODL)*, 16(2), online.
- Andersen, R. & Ponti, M. (2014). Participatory pedagogy in an open educational course: Challenges and opportunities. Special Issue on Massively Open Online Courses (MOOCs), *Distance Education*, pp. 234-249. DOI:10.1080/01587919.2014.917703.
- Ponti, M. (2013). Self-directed learning and guidance in non-formal open courses. *Learning, Media and Technology*, 39(2), pp. 154-168. DOI:10.1080/17439884.2013.799073.
- Ponti, M. (2013). Peer-production for collaboration between academics and practitioners. *Journal of Librarianship & Information Science*, 45(1), pp. 23-37.
- Ponti, M. (2012). Uncovering Causality in Narratives of Collaboration: Actor-Network Theory and Event Structure Analysis [42 paragraphs]. *Forum Qualitative Sozialforschung / Forum: Qualitative Social Research*, 13(1), Art. 11.
- Ponti, M. (2011). Sociotechnical relations in the creation of an interest-driven open course. *E-learning and Digital Media*, 8(4), pp. 408-422. ISSN 2042-7530.

Ponti, M. (2010). Sociotechnical influences on virtual research environments. *International Journal of e-Collaboration (IJeC)*, 6(2), Part II of Special Issue on Collaborative Working Environments, pp. 33-44. ISSN: 1548-3673.

Fruchter, R., & Ponti, M. (2010). Distributing attention across multiple social worlds. *AI & Society: Journal of Knowledge, Culture and Communication*, 25(2), pp. 169-181. ISSN: 0951-5666.

Sonnenwald, D.H., Lassi, M., Olson, N., Ponti M., & Axelsson, A-S (2009). Exploring new ways of working using virtual research environments in library and information science. *Library Hi Tech*, vol. 27, no. 2, pp. 191-204. Special Issue on Virtual Research Environments: Issues and Opportunities for Librarians. ISSN: 0737-8831.

## 1.2 Edited books and chapters in edited books

Brovelli, M.A., Ponti, M., Schade, S., & Solis, P. (2020). Citizen Science in Support of Digital Earth. In Guo, H. D., Goodchild, M. F. & Annoni, A. (Eds.), *Manual of Digital Earth* (pp. 593-622). Springer Verlag: Singapore.

Vohland, K., Land, A., Ceccaroni, L., Perreló, J., Ponti, M., Samson, R., Wagenknecht, K., and Lemmens, R. (Eds). *The Science of Citizen Science*. Final Book of the COST Action CA15212. In preparation and to be published in 2020. Springer Nature: Switzerland.

Ponti, M., Bergquist, M., & Ossiannilsson, E. (2014). Learning across sites through learning by design in use. In Littlejohn, A. & Pegler, C. (Eds.), *Reusing Open Resources: Learning Using Networked Resources* (pp. 127-137). London: Routledge.

Ponti, M., Renzi, S. & Klobas, J. (2012). A wiki for informal learning among social workers in a local health authority. In Bocconi, S. & Trentin, G. (Eds.), *Wikis Supporting Formal and Informal Learning*, pp. 199-219. Hauppauge, NY: Nova Science Publishers. ISBN: 978-1-61324-849-2.

## 1.3 Workshops and other events organized

Lowe, R. & Ponti, M. (2020). *Artificial Intelligence, Affective Computing and Games: Healthcare, Learning and Adaptive Interaction*. May 11-12, 2020. Funded by the Swedish Research Council. Co-chair and Member of the Scientific Committee.

Schade, S., Ponti, M., & Capineri, C. (2019). *Training School on Digital Transformation, Citizen Science and Social Innovation*. January 21-25, 2019, Fiesole, Italy. Co-funded by the EU Joint Research Centre and the COST Action 15212. Co-organizer and facilitator.

Kloetzer, L., Ponti, M., Schade, S., Gomez, E., & Charisi, V. (2019). *Exploring the Interplay between Human Learning and Machine Learning - The Citizen Science Perspective*. April, 11-12, 2019. EU Joint Research Centre Sevilla, Spain. Workshop funded by the COST Action 15212. Co-organizer.

Ponti, M., & Schade, S. (2018). *Citizen science and social innovation*. Dialogue session at the 2<sup>nd</sup> European Citizen Science Association Conference, June 2-5, 2018, Geneva, Switzerland (Refereed abstract).

Ponti, M., Cox, A.L., & Bowser, A.E. (2016). *Gaming for good: Exploring the potential and pitfalls of citizen science games*. Workshop organized at the *First European Citizen Science Association Conference*, May 19-21, Berlin, Germany (Refereed workshop).

Ponti, M., Hagen, N., Hillman, T., Kasperowski, D., Kullenberg, D., & Stankovic, I. (2015). Designing Futures for Learning in the Crowd: New Challenges and Opportunities for CSCL. Workshop extended abstract – peer reviewed. In Lindwall, O., Häkkinen, P., Koschman, T. Tchounikine, P. & Ludvigsen, S. (Eds.) (2015). *Exploring the Material Conditions of Learning: The Computer Supported Collaborative Learning (CSCL) Conference 2015*, Vol. 2 pp. 885-888. The International Society of the Learning Sciences, Gothenburg, Sweden (Refereed workshop).

#### 1.4 Refereed papers in archival conference proceedings

Ponti, M., Hillman, T., & Stankovic, I. (2015). *Science and gamification: The odd couple?* In CHI PLAY '15 Proceedings of the 2015 Annual Symposium on Computer-Human Interaction in Play (pp. 679-684). London, UK, 5-7 October 2015. ACM 978-1-4503-3466-2/15/10. DOI 10.1145/2793107.2810293.

Ponti, M. (2014). “Remember to hand out medals”: Value and peer rating in an online open study group. In Bayne, S., Jones, C., de Laat, M., Ryberg, T., & Sinclair, C. (Eds), *Online Proceedings of the 9<sup>th</sup> International Conference on Networked Learning* (pp. 228-235). April 7-9, 2014, Edinburgh, Scotland.

Ponti, M. (2014). Hei Mookie! Where do I start? The role of artifacts in an unmanned MOOC. *Proceedings of the 47<sup>th</sup> Annual Hawaii International Conference on Systems Sciences (HICSS-47)*, (pp. 1625-1634). January 6-9, 2014. IEEE Computer Society Press.

Corneli, J., & Ponti, M. (2012). Detecting mathematics learning online. In Hodgson, V., Jones, C., de Laat, M., McConnell, D., Ryberg, T., & Sloep, P. (Eds.). *Online Proceedings of the 8<sup>th</sup> International Conference on Networked Learning*, April 2-4, 2012, Open University in The Netherlands, Maastricht. Available at: <http://dspace.ou.nl/bitstream/1820/4221/3/Conference%20proceedings.pdf>

Ponti, M., & Sonnenwald, D. H. (2008). *Investigating the Potential Uptake of e-Research within a Social Science Discipline: Socio-technical Issues within Library & Information Science*. Online Proceedings of the 4<sup>th</sup> International Conference on e-Social Science, Manchester, UK.

Ponti, M., & Hodgson, V. (2006). Networked Management Learning for Managers of Small and Medium Enterprises. In Banks, S., Hodgson, V., Jones, C., Kemp, B., McConnell, D. & Smith, C. (Eds.). *Proceedings of the Fifth International Conference on Networked Learning 2006*. Organized by Lancaster University, Lancaster, UK. Available at: [http://hal.archives-ouvertes.fr/docs/00/19/01/57/PDF/Ponti\\_2006.pdf](http://hal.archives-ouvertes.fr/docs/00/19/01/57/PDF/Ponti_2006.pdf)

Esnault, L., Ponti, M., & Zeiliger, R (2005). Constructing knowledge as a system of relations. In Khosrow-Pour, M. (Ed.). *Managing Modern Organizations with Information Technology*. Information Resources Management Association (IRMA) 2005 Conference Proceedings. Hershey, PA: IRM Press.

Ponti, M., & Ryberg, T. (2004). Rethinking virtual space as a *place* for socialisation: Theory and design implications. In Banks, S., Goodyear, P., Hodgson, V., Jones, C., Lally, V., McConnell, D. & Steeples, C. (Eds.). *Proceedings of the Fourth International Conference*

*on Networked Learning 2004* (pp. 332-339). Jointly organized by Lancaster University and the University of Sheffield. Lancaster University, Lancaster, UK.

Cousin, G., Deepwell, F., Land, R., & Ponti, M. (2004). Theorising implementation: Variation and commonality in European approaches to e-learning. In Banks, S., Goodyear, P., Hodgson, V., Jones, C., Lally, V., McConnell, D. & Steeples, C. (Eds.). *Proceedings of the Fourth International Conference on Networked Learning 2004* (pp. 136-143). Jointly organized by Lancaster University and the University of Sheffield. Lancaster University, Lancaster, UK.

### **1.5 Refereed abstracts, posters, non-archival conference presentations, and workshop papers**

Ponti, M., Hillman, T., Kasperowski, D., & Kullenberg, C. (2017). *Getting it Right or Being Top Rank: Games in Citizen Science*. Presented at the Citizen Science Conference – CSA 2017, May 17-20, 2017, St. Paul, MN, USA.

Ponti, M., & Stankovic, I. (2015). Scripts in a gamified crowdsourcing approach to do science. Short paper for the workshop on “Examining the Essence of the Crowds: Motivations, Roles and Identities” at the *European Conference on Computer-Supported Cooperative Work – ECSCW*, September 19-23, 2015, Oslo, Norway.

Ponti, M. (2015). *Potential of digital technologies to enhance openness in learning and science*. Invited speaker to the Symposium “Science-society dialogue – From citizen science to co-design” at ICCB: 27<sup>th</sup> International Congress for Conservation Biology, 4<sup>th</sup> European Congress for Conservation Biology, August 2-6, Montpellier, France.

Hetland, P., Mørch, A., & Ponti, M. (2014). *Researching citizen science by adopting ideas from end-user development: On user roles, expertise, and scaffolding*. Presented at the 2<sup>nd</sup> International Workshop on Cultures of Participation in the Digital Age: Social Computing for Working, Learning, and Living, May 27, 2014, Como, Italy. In conjunction with AVI 2014.

Ponti, M. *Self-directed learning and guidance in non-formal open courses*. Abstract accepted for presentation at the Next Generation Learning Conference 2014, March 19-20, Falun, Sweden.

Ponti, M. (2013). *Repurposing OER through learning by design in use*. Presented at the 10<sup>th</sup> Annual Open Education Conference, November 6-8, 2013, Park City, Utah.

Ponti, M. (2012). *Meta-design to experiment with the adaptation of OER*. Presented at NordiCHI 2012, Workshop on Collaborative Learning as Design Activity. November 2012, Copenhagen, Denmark.

Ponti, M. (2012). *Who needs guidance? Implications of open educational resources for the role of the academic teacher*. Key note address at the 7<sup>th</sup> International EcoMedia Europe Conference, Socrates-Comenius Network co-financed by the European Commission, May 27-30, 2012, Sintra, Portugal.

Arguello, M., Ponti, M., Russell, C., Ekin, P., Halfpenny, P., Fraser, M., Procter, R., Hanganu, G., Poschen, M., Voss, A., & Jirotko, M. (2009). *Case study research about the use of e-infrastructure and ICTs*. Poster presentation. In Proceedings of the 5<sup>th</sup> International Conference on e-Social Science, Cologne, Germany, 24<sup>th</sup> - 26<sup>th</sup> June 2009.

Fruchter, R., & Ponti, M. (2008). *Distributing attention across multiple social worlds*. Presented at the 7<sup>th</sup> International Workshop on Social Intelligence Design (SID2008), 3-5 December, 2008, Universidad de Puerto Rico, San Juan, PR.

Ponti, M., & Sonnenwald, D. H. (2008). *Translating Interests in Collaboration: Library Services and Patient Care*. Presented at the Annual Meeting of the Society for Social Studies of Science (4S), August 20-23, 2008, Rotterdam, The Netherlands.

Fruchter, R., Ponti, M., Jungbecker, A., & Alfen, H. W. (2007). *A scalable working model for cross-disciplinary global teamwork education*. CIB 24<sup>th</sup> W78 conference, Maribor, Slovenia.

Ponti, M. (2005). *Methodological issues about the empirical study of place-identity*. 9th European Conference on Computer-Supported Cooperative Work, Position Paper and Poster presentation at the Workshop: Settings for Collaboration – The Role of Place, Paris, France, 18-22 September, 2005.

Ponti, M., & Ryberg, T. (2005). *Place-making and sociability in networked environments - a condition for productive learning environments*. Presented at CAL'05 Virtual Learning, 4-6 April, Bristol University, UK.

Ponti, M., Lippi, P. & Ferrazzuolo, S. (2005). The ENSeL project. Poster presentation. In Chiazese, G., Chifari, A., Ottaviano, S., & Allegra, M. (eds). *Methods and Technologies for Learning. Proceedings of the Second International Conference*. Wit Transactions on Information and Communication Technologies, vol. 34, pp. 625-627. Wit Press: Great Britain.

Ponti, M., Dirckinck-Holmfeld, L., Lindström, B., & Møller Svendsen, B. (2004). *Conditions for productive learning in network learning environments*. Presented at the CSCL Special Interest Group Symposium in Kaleidoscope, EPFL, Lausanne, Switzerland, 7-9 October.

Ryberg, T., & Ponti, M. (2004). *Constructing place: The relationship between place-making and sociability in networked environments - a condition for productive learning environments*. Presented at the CSCL Special Interest Group Symposium in Kaleidoscope, EPFL, Lausanne, Switzerland, 7-9 October.

### 1.6 Official reports and working papers (internally refereed)

Ponti, M., Micheli, M., Scholten, H., & Craglia, M. (2019). *Internet of Things: Implications for Governance*. 4<sup>th</sup> Workshop of the Digitranscope Project. JRC Conference and Workshop Report. European Commission, 2019, JRC.

Micheli, M., Blakemore, M., Ponti, M. & Craglia, M. (2018). *The Governance of Data in a Digitally Transformed European Society*. 2<sup>nd</sup> Workshop of the Digitranscope Project. JRC Conference and Workshop Report. European Commission, 2018, JRC114711.

Ponti, M., Renzi, S. & Klobas, J. (2010). *A wiki for social workers in a local health authority: An actor-network analysis and seed design*. Dondena Working Paper No. 35. ISSN 2035-2034.

*The Kaleidoscope Scientific Vision for Research in Technology Enhanced Learning* (2007). Collective paper developed as a network-wide collaborative process (I am one of the 29 contributors). Position paper prepared for the European Commission, DG INFSO, under contract N°. IST 507838 as a deliverable for WP2.



Fruchter, R., & Ponti, M. (2006). The Fishbowl™: Degrees of Engagement in Global Teamwork. Final Report submitted to Wallenberg Global Learning Network II, September 2006.

Ponti, M., & Fulantelli, G. (2006). *Guidelines to the Design of the European Research Team (ERT) Shared Virtual Laboratory (vLab)*. European Research Team (ERT) on “Conditions for Productive Learning in Network Learning Environments”, EU Framework 6 Network of Excellence Kaleidoscope. Prepared for the European Commission, DG INFSO, as a deliverable for WP 28.04.1.

Ponti, M. (Ed.) (2004). *Towards a conceptual framework for analyzing the sustainability of elearning networks in Small and Medium Enterprises*. ENSeL-Engaging Networks for Sustainable eLearning. Interim Report for Workstream 2. European Commission e-Learning Initiative, Grant Agreement number-2003-4731/001-001.

Ponti, M., & Lindström, B. (Eds.) (2004). *The theory and practice of computer supported collaborative learning*. EQUeL, Special Interest Group 6 Position Paper. European Commission e-Learning Initiative. Prepared for the European Commission, Directorate-General for Education and Culture, as a deliverable for WP9 15-05-2004.

Ponti, M., Lindström, B., Dirckinck-Holmfeld, L. & Moeller Svendsen, B. (2004). *Report on the conceptualization of typical case studies*. Jointly Executed Integrating Research Project (JEIRP) on “Conditions for Productive Learning in Network Learning Environments”, EU Framework 6 Network of Excellence Kaleidoscope. Prepared for the European Commission, DG INFSO, as a deliverable for WP24.2.1.

Vigmo, S., Muehlenbrock, M., & Ponti, M. (2004). *CSCl in iClass*. Intelligent Distributed Cognitive-based Open Learning System for Schools (iClass) Project. Prepared as a deliverable for WP1, Task 1.4.

Dirckinck-Holmfeld, L., Moeller Svendsen, B., Lindström, B., & Ponti, M. (2004). *Theoretical framework on selected core issues on conditions for productive learning in network learning environments*. Jointly Executed Integrating Research Project (JEIRP) on “Conditions for Productive Learning in Network Learning Environments”, EU Framework 6 Network of Excellence Kaleidoscope. Prepared for the European Commission, DG INFSO, as a deliverable for WP24.3.1.

Ponti, M., Lindström, B., & Dirckinck-Holmfeld, L. (2004). *Report on the shared design of action and implementation plan*. Jointly Executed Integrating Research Project (JEIRP) on “Conditions for Productive Learning in Network Learning Environments”, EU Framework 6 Network of Excellence Kaleidoscope. Prepared for the European Commission, DG INFSO, as a deliverable for WP24.

## 1.7 Working Papers

Stankovic, I., Camps, M. P., Sánchez, D. C., Oroz, M. A. L.-., & Ponti, M. (2017, August 26). Performance of Players and Data Quality in a Citizen Science Casual Game. Retrieved from [osf.io/preprints/socarxiv/vztxn](https://osf.io/preprints/socarxiv/vztxn)

## 1.8 Non-refereed articles in professional journals

Ponti, M. (2008). A LIS collaboratory to bridge the research-practice gap. *Library Management*, vol. 29, no. 4/5, pp. 265-277. ISSN: 0143-5124 [SCOPUS]. Highly Commended Award Winner at the Emerald Literati Network Awards for Excellence.