



# **D-ChallengHE**

## Digital Challenge in Higher Education

## **RN Progress Report Template**

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Author	Maria Chiara De Angelis (LCU)
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# **RN Progress Report**

#### 1. Network details

Research Network	R7 Academic Research: ethical and methodological issues, computational challenges for humanity
Coordinator (Name/Surname/Affiliation)	Maria Chiara De Angelis
Reporting Period	(06/2023 – 10/2024)

#### 2. Joint activities

Description of the achievements to date of the Scientific Research Network listing all joint activities undertaken in detail:

#### - Seminars

#### Workshops

- a. THE IMPACT OF DIGITALIZATION IN SCIENTIFIC RESEARCH.
  RISKS, OPPORTUNITIES AND ETHICAL CHALLENGES, HEAd INTERNATIONAL
  CONFERENCE 2023, Workshop 19 June 2023, Valencia, Spain
- b. Committee member and Discussant workshop W1 "Reinventing University: the Digital Challenge in Higher Education", 10th International Conference on Higher Education Advances (HEAd'24), June 1-21,  $2024 \cdot Valencia$ , Spain.

#### - Symposia/Conference

a. III Conferenza Internazionale Scuola Democratica "Education and/for Social Justice", Session IO7 Navigating the Onlife Era: Rethinking Education in a Digital World. Contribution: "Higher Education Between Digital Transformation and Organisational Challenges.





 b. 16th Conference of the European Sociological Association "Tension, Trust and Transformation", Conference Track: RN10 - Sociology of Education, Porto, Portugal. Contribution: "Digital Transformation in HE: From The European Vision To The University Governance".

#### - Research Visits

 a. Mapping for Building the Future. E-scholars networking. Maria Chiara De Angelis, Mobility teaching. Laurea University of Applied Sciences, 20 March, 2024

## 3. Academic outputs

- Publications<sup>1</sup>
- De Angelis , M. C. (2024). The impact of digitalisation in scientific research: risks, opportunities and ethical challenges. Quaderni Di comunità. Persone, Educazione E Welfare Nella Società 5.0, (3), 195–226. Retrieved from <a href="https://www.quadernidicomunita.it/index.php/qdc/article/view/159">https://www.quadernidicomunita.it/index.php/qdc/article/view/159</a>
- De Angelis MC (2024). Trasformazione digitale, intelligenza artificiale e ricerca scientifica: tra rischi, opportunità e sfide etiche. In: (a cura di): Pasqualetti F,
   Sammarco V, Intelligenza artificiale. In cerca di umanità. p. 77-94, Roma: Editrice LAS -Pubblicazioni dell'Unversità Pontificia Salesiana, ISBN:978-88-213-1606-7
- 3. De Angelis MC, Velardi A (2024). *E-Research: Emerging Challenges and Ethical Issues in the Algorithms Age*. SOCIOLOGIA, vol. 3, p. 28-33, ISSN: 0038-0156
- 4. De Angelis M.C. *Facing AI in Scientific Research. An Exploratory Research in Higher Education*. Contribution to the book "Using and Understanding AI in Higher

Articles: A1: Peer reviewed articles in scientific journals; A2: Non-peer reviewed articles in scientific journals.

**Books:** B1: Author or co-author of published books (limited to books published by a scientific publishing company; no syllabuses, no theses); B2: Chapters in books (no conference proceedings); B3: Books as editor (including editor of conference proceedings).

Other publications: C1: Papers in proceedings of scientific conferences, that do not belong to any of the previous categories (full articles, no abstracts); C2: Doctoral dissertations; C3: Patents; C4: All other publications that are relevant to the project and that cannot be included in any of the previous categories, including preprints.

<sup>&</sup>lt;sup>1</sup> Use **ASA Bibliographical Style** and the following classification for publications:





Education: Classroom Research with Real-World Strategies You Can Use Today", R. Allen (Ed), Palgrave Macmillan. <u>Abstract accepted</u>

- Published Data<sup>2</sup>
- Other academic output<sup>3</sup>

## 4. Science outreach and public engagement strategy

D-ChallengHE encourages its researcher networks to disseminate their research findings widely, beyond an academic audience, and to use them where possible. Add a URL to a digitally available object (e.g., newspaper article, blog post, video) if available.

- Vardisio, R. (2023). Intelligenza Artificiale (AI), dove sta andando e dove ci porterà.
   FORUM PA. Retrieved from
   https://www.forumpa.it/pa-digitale/intelligenza-artificiale-ai-dove-sta-andando-e-dove-ci-portera/
- Vardisio, R. Digital Transformation: cambia l'apprendimento, Rinascita Digitale DAY: https://www.youtube.com/watch?v=7bS5hBQD25k
- Vardisio, R. (2021, Giugno 9). *Presentazione di Rinascita Digitale. Presentato al Digital Innovation Summit,* Harvard Extension School, tenutosi online.

#### 5. References

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Bello and Galindo-Rueda (2020a). "Charting the digital transformation of science: Findings from the 2018 OECD International Survey of Scientific Authors (ISSA2)", https://doi.org/10.1787/18151965, based on OECD ISSA 2018, http://oe.cd/issa.

Boyer, E. L. (1990), *scholarship reconsidered: Priorities of the professoriate*. Carnegie Foundation for the Advancement of Teaching.

Buchanan, E. A., & Ess, C. (2008). *Internet research ethics: The field and its critical issues*. In K. Himma & H. Tavani (eds.), The Handbook of Computer and Information Ethics (pp. 272–92). Boston: Wiley.

<sup>&</sup>lt;sup>2</sup> Provide a list of datasets resulting from the funded scientific research network that were made publicly available. Specify the bibliographical reference to this dataset (or minimally Author(s) – publication year – title), provide the identifier (DOI, URL, handle, ARK, PURL or URN) and specify the open access status (open, under embargo, restricted or closed).

<sup>&</sup>lt;sup>3</sup> It may be constituted by surveys, a technical diagram, software, objects (e.g., maquettes, prototypes, keynote lectures or other lectures at scientific or other meetings, the organisation of such meetings, the organisation of or participation in exhibitions, and any other type of activity or output you consider to be relevant





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Capogna S. *Sociology between big data and research frontiers, a challenge for educational policies and skills*. Qual Quant. 2023;57(1):193-212. doi: 10.1007/s11135-022-01351-7. Epub 2022 Mar 5. PMID: 35283540; PMCID: PMC8897736.

EE. UU. (2020) Strategic plan 2020-2024 – Research and Innovation. At <a href="https://commission.europa.eu/publications/strategic-plan-2020-2024-research-and-innovation\_en#deails">https://commission.europa.eu/publications/strategic-plan-2020-2024-research-and-innovation\_en#deails</a> Last Access: 08/09/2023

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Floridi, L. (Ed.) (2015). The onlife manifesto. Being human in a hyperconnected era. Springer.

Floridi, L. (2016). *The 4th revolution: How the infosphere is reshaping human reality*. Oxford University Press

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https://eua.eu/resources/expert-voices/250-safeguarding-academic-and-digital-sovereignty-a-model -for-action.html

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