

# Barbara RIBEIRO

Professeur associé

Académie : Innovation

Centre de recherche : SKEMA Centre for Sustainability Studies

Campus : Paris

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## Intérêts de recherche

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Sociologie de l'innovation, Nouvelles technologies, Recherche qualitative

## Domaines d'enseignement

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Nouvelles technologies, Recherche qualitative, Sociologie de l'innovation

## Formation

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|------|-------------------------------------------------------------------------------|
| 2014 | PhD Science and Technology Studies, University of Salamanca, Espagne          |
| 2009 | Master Sciences, Technologies et Société, University of Salamanca, Espagne    |
| 2007 | Licence en Sciences Biologiques, Universidade Federal de Minas Gerais, Brésil |

## Expérience Professionnelle

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### Autres affiliations académiques

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|-------------|-----------------------------------------------------------------|
| Depuis 2022 | Professeur associé, SKEMA Business School, France               |
| 2019 - 2022 | Professeur Assistant, The University of Manchester, Royaume Uni |
| 2016 - 2019 | Research Associate, The University of Manchester, Royaume Uni   |
| 2013 - 2016 | Research Associate, The University of Nottingham, Royaume Uni   |

## Contrats de recherche, prix et distinctions

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### Prix et distinctions

|      |                                                                                       |
|------|---------------------------------------------------------------------------------------|
| 2016 | Juan de la Cierva Fellowship from the Spanish Ministry of Economy and Competitiveness |
| 2009 | University of Salamanca Doctoral Research Fellowship (FPI)                            |
| 2008 | Santander Bank Scholarship for Official Master Studies in Spain                       |

### Contrats de recherche

|      |                                                                                                                                                                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2025 | FAPEMIG Grant for Visiting Faculty on 'Artificial Intelligence in the Contemporary World' at the Department of Anthropology of the Federal University of Minas Gerais (Brazil)                                                                         |
| 2024 | Agence Nationale de la Recherche (ANR) Grant. Trans-Atlantic Platform in the Humanities and Social Sciences. Project title: "Investigating the Relationship between Science Diplomacy and Global DGT: the role of inclusive metascience observatories" |
| 2019 | University of Manchester Healthy Ageing and Technology Award. Project title: "CINDER scoping project on gaps and needs for sensory technology in healthcare"                                                                                           |
| 2019 | Social Sciences and Humanities Research Council of Canada (SSHRC) Grant. Project title: "Anticipating transformative innovations and their implications: AI innovation strategies in Canada"                                                           |

and the UK"

- 2016 AMBS Research Support Fund for an academic visit to the School of Public Policy, Georgia Institute of Technology, Atlanta, US and attendance at the AAAS Annual Meeting in Boston, Massachusetts, US
- 2016 University of Nottingham pump-priming grant of the Agriculture and Food Sciences Research Priority Area
- 2016 Bath International Research Funding Scheme to support academic visits and development of grant applications under the Pathway to the Global Challenges Research Fund
- 2016 University of Nottingham pump-priming grant of the Governance and Public Policy Research Priority Area

## Publications

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### Articles académiques revus

- PELAEZ, S., VERMA, G., RIBEIRO, B. et SHAPIRA, P. (2024). Large-scale text analysis using generative language models: A case study in discovering public value expressions in AI patents. *Quantitative Science Studies*, 5(1), pp. 153-169.
- FISHER, E., SMOLKA, M., OWEN, R., PANSERA, M., GUSTON, D.H., GRUNWALD, A. ... RIBEIRO, B. (2024). Responsible innovation scholarship: normative, empirical, theoretical, and engaged. *Journal of Responsible Innovation*, 11(1).
- RIBEIRO, B., MECKIN, R., BALMER, A. et SHAPIRA, P. (2023). The digitalisation paradox of everyday scientific labour: How mundane knowledge work is amplified and diversified in the biosciences. *Research Policy*, 52(1), pp. 104607.
- FONSECA, P.F.C., RIBEIRO, B. et NASCIMENTO, L.F. (2022). Demarcating Patriotic Science on Digital Platforms: Covid-19, Chloroquine and the Institutionalisation of Ignorance in Brazil. *Science as Culture*, 31(4), pp. 530-554.
- RIBEIRO, B. et SHAPIRA, P. (2020). Private and public values of innovation: A patent analysis of synthetic biology. *Research Policy*, 49(1), pp. 103875.
- UYARRA, E., RIBEIRO, B. et DALE-CLOUGH, L. (2019). Exploring the normative turn in regional innovation policy: Responsibility and the quest for public value. *European Planning Studies*, 27(12), pp. 2359-2375.
- RIBEIRO, B. et SHAPIRA, P. (2019). Anticipating governance challenges in synthetic biology: Insights from biosynthetic menthol. *Technological Forecasting and Social Change*, 139, pp. 311-320.
- DI LUCIA, L. et RIBEIRO, B. (2018). Enacting Responsibilities in Landscape Design: The Case of Advanced Biofuels. *Sustainability*, 10(11), pp. 4016.
- RIBEIRO, B., BENGTTSSON, L., BENNEWORTH, P., BÜHRER, S., CASTRO-MARTINEZ, E., HANSEN, M. ... SHAPIRA, P. (2018). Introducing the dilemma of societal alignment for inclusive and responsible research and innovation. *Journal of Responsible Innovation*, 5(3).
- RIBEIRO, B., HARTLEY, S., NERLICH, B. et JASPAL, R. (2018). Media coverage of the Zika crisis in Brazil: The construction of a 'war' frame that masked social and gender inequalities. *Social Science and Medicine*, 200, pp. 137-144.
- RIBEIRO, B., SMITH, R.D.J. et MILLAR, K. (2017). A Mobilising Concept? Unpacking Academic Representations of Responsible Research and Innovation. *Science and Engineering Ethics*, 23(1), pp. 81-103.
- FORSBERG, E.M., RIBEIRO, B., HEYEN, N.B., NIELSEN, R., THORSTENSEN, E., DE BAKKER, E. ... MILLAR, K. (2016). Integrated assessment of emerging science and technologies as creating learning processes among assessment communities. *Life Sciences, Society and Policy*, 12(1).
- RAMAN, S., MOHR, A., HELLIWELL, R., RIBEIRO, B., SHORTALL, O., SMITH, R. et MILLAR, K. (2015). Integrating social and value dimensions into sustainability assessment of lignocellulosic biofuels. *Biomass and Bioenergy*, 82, pp. 49-62.
- RIBEIRO, B. et QUINTANILLA, M.A. (2015). Transitions in biofuel technologies: An appraisal of the social impacts of cellulosic ethanol using the Delphi method. *Technological Forecasting and Social Change*, 92, pp. 53-68.

### **Chapitres d'ouvrage**

FLANAGAN, K., RIBEIRO, B. et FERRI, P. (2023). Artificial intelligence (AI) and scientific productivity: Considering policy and governance challenges. Dans: OECD (ed.). *Artificial Intelligence in Science: Challenges, Opportunities and the Future of Research*. 1st ed. Paris: IPSDM OECD, pp. 271-278.

RIBEIRO, B. et LAASCH, O. (2021). Innovating. Dans: *Principles of Management. Practicing Ethics, Responsibility, Sustainability*. 1st ed. SAGE Publications.

RIBEIRO, B. (2019). Beyond privacy and security: Opening-up 'trust' in digital healthcare. Dans: Policy@Manchester (ed.). *On Digital Trust*. 1st ed. Manchester: The University of Manchester, pp. 33-35.

RIBEIRO, B. (2018). Ensuring social justice in AI development. Dans: Policy@Manchester (ed.). *On AI and Robotics*. 1st ed. Manchester: The University of Manchester.

RIBEIRO, B. (2012). From first to second generation biofuels: Putting social aspects on the scale. Dans: Alfredo Agustoni and Mara Maretta (ed.). *Energy Issues and Social Sciences. Theories and Applications*. 1st ed. Milan: McGraw-Hill, pp. 79-94.

### **Comptes-rendus d'ouvrage**

MECKIN, R., RIBEIRO, B. et BALMER, A. (2017). Investigating interdisciplinary collaboration: theory and practice across disciplines. *New Genetics and Society*, 37(3), pp. 272-275.

### **Actes d'une conférence**

NEKKACHE, A., RIBEIRO, B. et JAMES, A. (2023). Examining the Reconstruction of Professional Identity Content in the Digitalisation of R&D. *Academy of Management Proceedings*, 2023(1).

NEKKACHE, A., RIBEIRO, B. et JAMES, A. (2022). Enacting Identity Work and Identity Regulation in the Digitalisation of Industrial R&D. *Academy of Management Proceedings*, 2022(1).

RIBEIRO, B. et SHAPIRA, P. (2019). Private and public values of innovation. *Academy of Management Proceedings*, 2019(1), pp. 16324.

### **Conférencier invité**

RIBEIRO, B., MECKIN, R., BALMER, A. et SHAPIRA, P. (2024). The digitalisation paradox of everyday scientific labour: How mundane knowledge work is amplified and diversified in the biosciences. Dans: Automated Scientist Conference, Novo Nordisk Foundation. Copenhagen.

RIBEIRO, B. (2023). Generative AI and everyday knowledge work: Outlining a critical research agenda. Dans: AI for Science, Technology and Innovation Policy (AI4STIP). Manchester.

RIBEIRO, B. (2019). Responsible innovation in synthetic biology. Dans: Collaborative and Responsible Innovation Conference, Université d'Évry. Paris.

### **Présentations dans des conférences**

JAMES, A., NEKKACHE, A. et RIBEIRO, B. (2024). Balancing bytes and beakers: Skill change in the digitalisation of industrial science. Dans: 40th EGOS Colloquium. Milan.

NEKKACHE, A., RIBEIRO, B. et JAMES, A. (2023). Examining the reconstruction of professional identity content in the digitalisation of R&D. Dans: The 83rd Annual Meeting of the Academy of Management. Boston.

FANG, W., RIBEIRO, B. et LAASCH, O. (2023). Conceptualising Responsible Management Innovation. Dans: 39th EGOS Colloquium. Cagliari.

JAMES, A., NEKKACHE, A. et RIBEIRO, B. (2023). Negotiating skills development in the digitalisation of industrial science. Dans: R&D Management Conference. Seville.

- PELAEZ, S., RIBEIRO, B., VERMA, G. et SHAPIRA, P. (2023). How does artificial intelligence contribute to public values? A large-scale analysis of AI patents. Dans: Atlanta Conference on Science and Innovation Policy. Atlanta (US).
- RIBEIRO, B., NEKKACHE, A. et JAMES, A. (2022). The digital transformation of R&D and its impact on professional identity content: Boundary repositioning as customisation practice. Dans: The 82nd Annual Meeting of the Academy of Management. Seattle (US).
- RIBEIRO, B. et BELLET, C. (2022). Digital sensing technologies and knowing practices in cattle farming. Dans: Eu-SPRI Conference. Utrecht (NL).
- RIBEIRO, B. (2021). Learning for impact through responsabilisation in management education. Dans: Principles for Responsible Management Education (PRME) Regional Chapter UK and Ireland 7th Annual Conference. Online event.
- RIBEIRO, B. (2021). Experiments in digital sociology: Investigating the birth and death of an online community of practice. Dans: British Sociological Association 70th Anniversary Virtual Conference. Online event.
- RIBEIRO, B., MECKIN, R., BALMER, A. et SHAPIRA, P. (2019). Automating and digitising everyday knowledge-work: Practices, problems and possibilities. Dans: 2nd Biennial Conference of the UK Association for Studies in Innovation, Science and Technology. Manchester.
- RIBEIRO, B. et SHAPIRA, P. (2019). Private and public values of innovation. Dans: The 79th Annual Meeting of the Academy of Management. Boston (US).
- BELLET, C. et RIBEIRO, B. (2019). Building the animal-machine: Exploring the intersection between health practices, technologies and markets. Dans: Critical Management Studies Conference. Milton Keynes (UK).
- UYARRA, E., RIBEIRO, B. et DALE-CLOUGH, L. (2019). Exploring the normative turn in regional innovation policy: Responsibility and the quest for public value. Dans: Eu-SPRI Conference. Rome (Italy).
- RIBEIRO, B. (2018). Introducing the dilemma of societal alignment for inclusive and responsible research and innovation. Dans: XVI Triple Helix Conference. Manchester (UK).
- RIBEIRO, B. et SHAPIRA, P. (2018). Technological anticipation, synthetic biology, and responsible innovation: Anticipating the biological turn in the menthol landscape. Dans: Eu-SPRI Conference. Paris.
- RIBEIRO, B. et SHAPIRA, P. (2017). Private and public values in emerging science and technology: An analysis of patents in synthetic biology. Dans: Atlanta Conference on Science and Innovation Policy. Atlanta (US).
- RIBEIRO, B. et SHAPIRA, P. (2017). Private and public values in emerging science and technology: An analysis of patents in synthetic biology. Dans: Eu-SPRI Conference. Vienna (Austria).
- RIBEIRO, B. (2016). Framing the bioeconomy: Imaginaries of a transnational political project. Dans: 4S/EASST Annual Conference. Barcelona.
- RIBEIRO, B. (2016). Publics and public engagement in the bioeconomy. Dans: The Changing Political Economy of Research and Innovation (CPERI) Workshop. Liège (Belgium).
- RIBEIRO, B. (2015). Mapping and understanding responsible research and innovation. Dans: Critical Issues in Science, Technology and Society Studies Conference. Graz (Austria).

### **Présentations dans des séminaires de recherche**

- RIBEIRO, B., MECKIN, R., BALMER, A. et SHAPIRA, P. (2024). The digitalisation paradox of everyday scientific labour: How mundane knowledge work is amplified and diversified in the biosciences. Dans: Faculty of Economics and Management Sciences, Universidad Complutense de Madrid, Spain. Online.
- RIBEIRO, B., JAMES, A. et NEKKACHE, A. (2023). Balancing bytes and beakers: Skill change in the digitalisation of industrial science. Dans: Manchester Institute of Innovation Research (MIIoR), AMBS, The University of Manchester. Manchester.
- RIBEIRO, B. (2023). Generative AI in knowledge production and creative work. Dans: Fundação Getúlio Vargas (FGV-Rio). Rio de Janeiro (online).
- RIBEIRO, B. (2023). Responsible AI: Investigating the innovation and implementation landscapes. Dans: University of Stavanger. Stavanger (Norway).

RIBEIRO, B. (2018). The theory and practice of Responsible Research and Innovation. Dans: Institut Mines-Télécom Business School, Université Paris-Saclay. Paris.

RIBEIRO, B. (2015). Exploring the social dimensions of science and technology. Dans: Science, Technology and Innovation Systems: Dynamics, Governance and Public Policy Workshop. Department of Science and Technology Policy, Unicamp. Campinas (Brazil).

### **Presse et réseaux sociaux**

RIBEIRO, B. (2023). To get a better understanding of how the AI landscape aligns with societal needs and concerns. Paris: SKEMA ThinkForward, France.

RIBEIRO, B. (2023). AI could make more work for us, instead of simplifying our lives. The Conversation, Royaume Uni.

RIBEIRO, B. (2018). Jair Bolsonaro's threat means we academics have to be overtly political. The Conversation, Royaume Uni.

RIBEIRO, B. et HARTLEY, S. (2018). Why Brazil's Zika virus requires a political treatment. The Conversation, Royaume Uni.

RIBEIRO, B. (2017). Artificial intelligence and the public interest. The Conversation, Royaume Uni.

## **Autres activités de recherche**

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### **Editeur associé d'une revue**

Depuis 2023      Journal of Responsible Innovation

### **Organisation d'une conférence ou d'un séminaire**

|      |                                                                                                              |
|------|--------------------------------------------------------------------------------------------------------------|
| 2024 | Annual Conference of the Group for Research on Organizations and the Natural Environment (GRONEN), France    |
| 2021 | 2nd Biannual Conference of the UK Association for Studies in Innovation, Science and Technology, Royaume Uni |
| 2019 | 1st Biannual Conference of the UK Association for Studies in Innovation, Science and Technology, Royaume Uni |

### **Affiliations**

|             |                                                                                            |
|-------------|--------------------------------------------------------------------------------------------|
| Depuis 2023 | European Group for Organizational Studies (EGOS)                                           |
| 2019 - 2022 | UK Association for Studies in Innovation, Science and Technology, Royaume Uni              |
| 2019 - 2022 | Chair of the UK Association for Studies in Innovation, Science and Technology, Royaume Uni |

### **Supervision de thèses / HDR**

|      |                                                                         |
|------|-------------------------------------------------------------------------|
|      | M. ZIEMBLA, The University of Manchester, Doctorat, Rapporteur          |
| 2024 | A. NEKKACHE, The University of Manchester, Doctorat, Directeur de thèse |
| 2024 | A. NEKKACHE, The University of Manchester, Doctorat, Directeur de thèse |
| 2024 | S. PELAEZ, Georgia Institute of Technology, Doctorat, Membre de jury    |

### **Autres activités académiques**

|             |                                                                                                                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Depuis 2023 | Organiser of SKEMA Centre for Sustainability Studies (SCSS) Seminar Series, SKEMA Business School, SKEMA Business School, France                                                                                                      |
| Depuis 2019 | Referee for the Dutch Research Council (NWO), Pays-Bas                                                                                                                                                                                |
| Depuis 2019 | Member of the Advisory Panel for the project 'Releasing the power of users: Articulating user interests to accelerate new innovative pathways in digital health and welfare sector' funded by the Norwegian Research Council, Norvège |

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|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Depuis 2018 | Referee for the UK Engineering and Physical Sciences Research Council (EPSRC), Royaume Uni                                                                               |
| 2022 - 2025 | Member of the Scientific Committee of the Annual European Forum for Studies of Policies for Research and Innovation (Eu-SPRI) conference, Pays-Bas                       |
| 2020 - 2022 | 'Implementation and Policy' Hub Lead, Toronto-Manchester Joint Translational Centre for Digital Health, Royaume Uni                                                      |
| 2020        | Member of the Scientific Committee of the Annual PhD Days of the Institute of Knowledge and Innovation Management (INGENIO), Polytechnic University of Valencia, Espagne |
| 2020        | Member of the Scientific Committee of the Annual European Forum for Studies of Policies for Research and Innovation (Eu-SPRI) conference, Pays-Bas                       |
| 2017 - 2020 | Organiser of MIOIR Seminar Series, AMBS, The University of Manchester, Royaume Uni                                                                                       |
| 2019        | Member of the Scientific Committee of the Annual European Forum for Studies of Policies for Research and Innovation (Eu-SPRI) conference, Italie                         |

## Activités Professionnelles

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### **Autres activités professionnelles**

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| Depuis 2022 | Fellow of the UK Higher Education Academy, Royaume Uni                                                                                                                                                                                                                                                                                                                                                                                  |
| 2021 - 2022 | Member of Selection Panel for the Greater Manchester R&I Health Accelerator Project, Royaume Uni                                                                                                                                                                                                                                                                                                                                        |
| 2021        | Member of the Responsible Research and Innovation Expert Group for FLAG-ERA (Graphene Flagship) International Consortium, Royaume Uni                                                                                                                                                                                                                                                                                                   |
| 2020        | Member of the International Evaluation Panel (IEP) in the capacity of Responsible Research and Innovation Expert for the ERA-Net Joint Call on Biotechnologies (ERA CoBioTech) funded by the European Union<br>Member of the International Evaluation Panel (IEP) in the capacity of Responsible Research and Innovation Expert for the ERA-Net Joint Call on Biotechnologies (ERA CoBioTech) funded by the European Union, Royaume Uni |