

# CENTRE FOR INNOVATION MANAGEMENT RESEARCH

Annual Report 2022

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BIRKBECK, UNIVERSITY OF LONDON



**CIMR**

Centre for Innovation Management Research



**Birkbeck**  
UNIVERSITY OF LONDON

# CONTENTS

<a href="#">Who We Are</a>	3
<a href="#">From the Director</a>	4
<a href="#">News and Appointments</a>	7
<a href="#">Editorships, Editorial Boards and Research Committees</a>	7
<a href="#">Research Highlights and Projects</a>	10
<a href="#">Current External Grants</a>	13
<a href="#">Current Birkbeck Grants</a>	15
<a href="#">Keynotes, Invited Presentations and Conferences</a>	16
<a href="#">CIMR Events 2021</a>	19
<a href="#">CIMR blogs</a>	30
<a href="#">CIMR Podcasts</a>	32
<a href="#">Interaction with Business, Society and Policymakers (Impact)</a>	34
<a href="#">Research Output</a>	38
<a href="#">CIMR PhD Student News</a>	46
<a href="#">Innovation Teaching in CIMR</a>	47

# WHO WE ARE

The Centre for Innovation Management Research (CIMR) is a College-wide research centre. Launched in 2008, its members are drawn from a variety of disciplines, from Management and other social sciences to Computer Science and Biology.

Thematically it encompasses science, innovation and technology systems, intellectual property rights, markets, social capital, entrepreneurship, globalisation and gender in both theory and practice. Analysis and communication of the implications of our research for policy-making (for governments and businesses) are central to the Centre's activities.

CIMR's members belong to four categories. The strength of the Centre comes from their interactions:

[Academic staff](#) are the core members of the Centre. They are responsible for the advancement of one or more of our specific research themes. They publish cutting edge articles in the world's leading journals and work closely with stakeholders.

[PhD students](#) are an essential component in the Centre's membership. Their affiliation is based on their being either first or second supervised by a core member of the CIMR academic staff. In practice, this means those in the Management Department, however all PhD students who are supervised by CIMR academic staff are invited to attend – e.g. those in Economics, Computer Science and the School of Science.

[Visiting Fellows](#) are special assets for the Centre. They are colleagues who work closely with the CIMR. They include entrepreneurs, policy-makers, business people, academics in other UK universities, and academics who work outside the UK, including France, Germany, Ireland, Italy, Sweden and the US.

[Alumni](#) are former Masters and PhD students working in the field of innovation and entrepreneurship. They have varied career experiences. Their continued involvement brings current ideas and insights to our programme and several of them give guest lectures on our teaching programmes.



# FROM THE DIRECTOR

In 2022 CIMR continued to make new friends and consolidate relationships with our existing colleagues. Over the year we can see **four main differences** in our portfolio compared with 2021.

1. The first is that we are even **more internationally collaborative**. We are building on our collaborations with the Kogod School of Business, American University, with a new formal collaboration with Vaasa University in Finland which ties in our long term colleague Martin Meyer with our new colleague, Ben Laker, Henley School of Business. Ben Laker, who is a Forbes editor, contributes articles based on CIMR's research, including that of PhD students and early career researchers. On June 1 2022, CIMR, Kogod and Vaasa hosted a hybrid event in Birkbeck on How to succeed in Global, Sustainable Innovation: Academic and Practitioner perspectives, with presentations from each university as well as from Innovate UK, Intellectual Property Office, UK and the Climate Policy Initiative.

In a new development, CIMR has teamed up with UIC Barcelona's Quality & Innovation for Service Excellence (QISE) group to further research of mutual interest to both groups. CIMR and UIC have organised joint events on entrepreneurial finance (<http://www7.bbk.ac.uk/cimr/2022/05/25/venture-capital-industry-and-entrepreneurial-finance/>) and quality standards and innovation (<http://www7.bbk.ac.uk/cimr/2022/07/04/challenges-and-benefits-of-operating-to-quality-standards/>).

2. Second is our **dramatically improved media engagement** with the appointment of a part-time Media Engagement manager, Gabi Losito, funded by a BEI School Impact Grant in January 2022. CIMR now has a Twitter account @Birkbeck\_CIMR, and a LinkedIn page. The website has been redesigned, new videos and podcasts introduced, and website usage tracked. A new strategy is to optimise videos. This means making shorter podcasts as well as longer recordings of events. These include a 5-minute introduction which are uploaded as a separate video.

In 2022 CIMR organised 14 events: 4 spring, 6 summer and 4 in the autumn. These have been organised by CIMR alumni, Visiting Fellows and PhD students in conjunction with core academic staff. Two of the summer CIMR events were additional to the CIMR Debates in Public Policy: one was a BEI School Impact

week event and the other was in a Research Centres showcase event organised by Muthu De Silva.

We had our first hybrid event on June 1 organised jointly with our colleagues at Kogod School of Business, American University and Vassar University. It was lovely to be in the same room as Tomasz and Martin for the first time in many years. At the end of the 2021 I expressed the hope that we would be meeting face to face on a regular basis.

Birkbeck's annual Public Engagement Awards recognise and celebrate researchers undertaking innovative and exemplary public engagement activities. CIMR's project 'CIMR Debates in Public Policy' was 'Highly Commended' in the Innovation category -Capacity Building.

Sadly both Isobel Edwards and Orla Walsh who have given fantastic support for CIMR in events and dissemination have left Birkbeck (Orla at the end of February 2023). We thank them both for all that they have done for us.

3. Third is a much **more formal focus on working with small and medium sized enterprises**. This followed from CIMR having played a key role in Birkbeck's School of Business, Economics and Informatics being awarded the Small Business Charter accreditation in December 2021. The application was led by CIMR's Dr Pam Yeow . The CIMR website now has section on SME engagement, how we collaborate with SMEs and what kind of resources they can find at CIMR. Plans are underway for short courses to be offered by CIMR fellows and alumni.
4. Fourth is **CIMR's applications for research and impact funding**. As well as the BEI School Impact grant for 2022 to fund Gabi, we are fortunate that the School has kindly agreed to fund Gabi for another year. This is in recognition of the importance of research and impact visibility. Future REFs, TEFs and Birkbeck's own evaluations are constant challenges.

In November CIMR applied for a Regional Studies Association Networking award with our international partners, Kogod School of Business, Vassar University and UIC Barcelona. This would fund four events, one in each location. Decision is pending.

In November 2022 CIMR submitted an application to the UCL Bloomsbury and East London doctoral training partnership (DTP) <https://ubel-dtp.ac.uk/groupings-and-pathways/>. CIMR is entered under a pathway entitled

Prosperity, innovation, technology and policy, which is led by UCL. CIMR has added a fourth training route, on 'Innovation, Co-creation and entrepreneurship.

**Other points of importance**

In other news, CIMR welcomed new fellows: two academics, Abdulrahman Al-Surmi (Management) and Olivia Hamlyn (Law) and a new Visiting Fellow, Professor Michael Mainelli Chairman, Z/Yen Group Limited).

Professor Tomasz Mroczkowski and Professor Martin Meyer, have been appointed as Visiting Professors at Birkbeck until 2025 (May 2022).

Finally, congratulations to Professor Muthu De Silva who was appointed to be Professor in Entrepreneurship in October 2022 and to Professor Tim Vorley who was made an OBE in the New Year's Honours list in January 2023

My thanks to the whole CIMR team for the wonderful work and team spirit.

**Professor Helen Lawton Smith**, *Director of CIMR*

# NEWS AND APPOINTMENTS

- **Thanos Fragkandreas** was appointed as visiting fellow at CIMR (March 2022). He also was appointment as Lecturer in Entrepreneurship at the University of Westminster (June 2022)
- Visiting Fellow and Birkbeck Visiting Professor **Carlo Milana** and his co-author **Arvind Ashta** achieved a top-cited article in the journal "Strategic Change: Briefings in Entrepreneurial Finance" for their article: Milana, C. and Ashta, A (2020) Microfinance and financial inclusion: Challenges and opportunities, Strategic Change: Briefings in Entrepreneurial Finance, 29(3): 257-266, <https://doi.org/10.1002/jsc.2339>
- Prof. **Tomasz Mroczkowski** and **Prof Martin Meyer**, have been appointed as Visiting Professors at Birkbeck (May 2022) until 2025. Tomasz Mroczkowski is Professor in the Department of Management of Kogod Business School, The American University in Washington (USA). Martin Meyer is Vice-Rector for international affairs and director of InnoLab of the University of Vaasa (Finland).
- Prof. **Loet Leydesdorff** has been proclaimed the 34th most cited scientist in the Social Sciences and Humanities worldwide according to Research.com , and #3 in the Netherlands (June 2022).
- **Ashok Kumar** won the prestigious PWES Wallerstein Memorial Book Award for his book 'Monopsony Capitalism: Power and Production in the Twilight of the Sweatshop Age' (June 2022).
- Dr **Fumi Kitagawa** (University of Edinburgh) has been appointed as a CIMR Visiting Fellow from June 2022.
- Prof. **Elvira Uyerra** has become Executive Director of the Manchester Institute of Innovation Research (September 2022).
- Dr **Abdulrahman Al-Surmi** has joined the Department of Management at Birkbeck, University of London and has joined CIMR (October 2022).
- **Riccardo Zecchinelli** has been a Visiting Fellow at CIMR since October 2022.
- Professor **Michael Mainelli** joined CIMR as a Visiting Fellow from November 2022.

- **Doyin Olorunfemi**, a CIMR PhD student, won the best paper award at Birkbeck's Paper Development Workshop - "Entrepreneurial learning in women who engage in interconnected selling: understanding the how" (November 2022)

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## EDITORSHIPS, EDITORIAL BOARDS AND RESEARCH COMMITTEES

**CIMR academic staff and Fellows hold a number of editorships and membership of editorial boards of internationally important journals.**

- **Daniele Archibugi**

- was appointed to the International Research Scientific Committee of EM Normandie in Paris, France (i.e. a business School founded in 1871 and holds international EQUIS and AACSB accreditations). The main objective of the committee is to evaluate the strategic options regarding the school's research activities and drafts recommendations using national and international expertise.
- has joined the project on Innovation for Global Challenges in a connected world; the role of local resources and socio economics conditions (2021-2023) the project is led by Daniele Archibugi, INRCI-IRPPS, in collaboration with the University of Turin, University of Urbino and University of Roma Tre, Italy.

- **Helen Lawton Smith**

- was appointed to be a member of editorial advisory board Journal of Small Business and Enterprise Development (JSBED) (February 2022). She chaired the Regional Studies Association annual Early Career plenary at the Regions in Recovery festival on March 29<sup>th</sup> 2022.





## RESEARCH HIGHLIGHTS AND PROJECTS

**CIMR people undertake world class research. Here are some examples.**

CIMR Deputy Director **Marion Frenz** and CIMR Visiting Fellow **Grazia Ietto-Gillies** have been working on the problem of developing indicators of absorptive capacity on and off for several years and have just completed and submitted a paper on the subject with the following specificities.

They have considered several dimensional indicators and to each of them they incorporate the contribution of a variety of variables. The dimensions are selected to be policy-relevance in the sense that to each of them specific policies can, potentially, be applied. The main dimensions relate to the following: knowledge intensity; human resources; social connectivity; and physical connectivity. The ACAP indicator is calculated from adding together values for the various indicators. The latter are the ones to which the researchers attach most relevance because of their policy

specificity. They estimate dimensional and ACAP indicators for 24 European countries and for 24 sectors of the UK economy. The latter study gives separate estimates for large and medium-size companies within each sector. The data for the macro study comes from several international and EU sources; for the UK sectors' study we use data from the Community Innovation Survey (CIS) for the UK. The sector study, as much as the choice of dimensions, is inspired by policy-relevance. They discuss the desirability of concentrating on sectors, rather than the macro economy only, in terms of innovation policy (Almudi et al. 2020).

The results reveal the following. On the whole countries as well as sectors tend to do well or poorly in all or most dimensions which may mean that improvements in one or two dimensions will lead to improvements in others, possibly leading to a virtuous circle and vice versa. At the sectors level the results for the UK appear to be more industry-specific than size-specific. This may mean that in the UK policies for increased ACAP may have to be directed less to the firms' size and more to the sector they operate in. The effects of policies may then spread downward to smaller size enterprises and upward to the macro level.

The research paper "Female entrepreneurship in Saudi Arabia: opportunities and challenges" by Abeer Yousuf Danish and CIMR Director **Helen Lawton Smith** was one of the top 5 most downloaded articles in 2022 by the *International Journal of Gender and Entrepreneurship*.

The study draws on secondary data on the context to women's entrepreneurship in Saudi Arabia, and on Brush et al.'s 5M framework to analyse the results of a survey of 33 Saudi women entrepreneurs in Jeddah in a variety of commercial sectors. The sample consists of female entrepreneurs who are already in business or in the process of establishing one, and who operate from a dedicated business premises away from home. In particular, the study investigated the challenges and constraints faced, and the support and opportunities available for these female entrepreneurs.

It was found that female entrepreneurs in Saudi Arabia are now establishing and managing more small and medium sized entities than at any time in the past and this trend is growing. This is in spite of significant challenges, both societal and institutional. The paper was based on Abeer's Masters Dissertation.

CIMR PhD student **Maryam Ghorbankhani** and CIMR Deputy Director **Federica Rossi** have published an article in the *Journal of Technology Transfer* where they investigate under what conditions it is more effective for PROs to vertically integrate knowledge transfer management or to outsource it to specialist providers. They

extend theory of firm boundaries to PROs and outline a conceptual framework to describe how the 'make or buy' decision applies to a less studied context – the public research sector – and to a specific type of knowledge process – knowledge transfer from research performers to external stakeholders.

The researchers suggests that the more intrinsically and strategically complementary knowledge transfer is to research, the more likely knowledge transfer management is to be performed in-house. Therefore, policies intending to encourage PROs to improve their knowledge transfer management capabilities should consider the heterogeneous nature of PROs. PROs that carry out research that has high tacit knowledge component and those that intend to transfer knowledge to specific stakeholders, should be incentivised to improve their internal capabilities for knowledge transfer management. Other PROs, namely those that perform research whose outputs can be easily codified and those that aim to transfer knowledge to a broad variety of stakeholders, should be encouraged to rely on specialised suppliers. In the absence of such suppliers, some efforts should be invested in their creation, as they might ensure efficiency gains thanks to their scale and specialisation.

## CURRENT EXTERNAL GRANTS

<b>Names</b>	<b>Grant title/topic</b>	<b>Funder</b>	<b>Period</b>
Helen Lawton Smith & Jacqueline Winstanley	Road to Wonder	Innovate UK/Innovation Caucus	September 2022 - April 2023
Muthu De Silva, Raquel Ortega-Argiles, Sara Le Roux and Robert van der Veen	Return on Investment of Social Science Research	ESRC/ Innovation Caucus	January 2022 – March 2022

## CURRENT BIRKBECK GRANTS

Name	Grant title / topic	Funder	Period
Helen Lawton Smith, Saverio Romeo	Deep-Tech Entrepreneurship in City Capitals – The Case of Quantum Technology Start-Ups	BEI School Impact Grant	May 2022-April 2023
Federica Rossi	Innovation intermediaries and national digital strategies: international comparative analysis.	BEI School Impact Grant	November 2022 - May 2023
Helen Lawton Smith, Federica Rossi and Marion Frenz	CIMR: making impact through media engagement	BEI School Impact Grant	January 2022 – December 2022



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# KEYNOTES, INVITED PRESENTATIONS AND CONFERENCES

## **Daniele Archibugi**

- Invited presentation on “Professional perspectives for Doctoral students” at the Ph.D. in Management of the University of Venice Ca’ Foscari, 31<sup>st</sup> March 2022

## **Muthu De Silva**

- Keynote Speaker of the international conference on Sustainability and Digital Business. <https://icsdb.lk/> . 1<sup>st</sup>- 2<sup>nd</sup> December 2022. Other keynote speakers: Prof. John Bessant, University of Exeter Business School and Prof. Jaideep Prabhu, Judge Business School, University of Cambridge.
- Panel Speaker - Sustainable Development Goals (SDGs) in South Asia, University of Leeds, 1st December 2022.
- Invited Speaker - Interplay between motivation and decision-making approaches of academics engaging in knowledge transfer and cocreation. University of Birmingham. November 2022
- Keynote Speaker of the 10th IPMA Research Conference - “Value co-creation in the project society”, 19-21 June 2022. <https://www.ipma-research-conference.world/key-note-speakers/>
- Panel Speaker of World Trade Organisation Symposium on Trade Secrets and Innovation, Geneva, Switzerland, 23<sup>rd</sup> -24<sup>th</sup> May 2022, <https://www.wipo.int/meetings/en/2022/symposium-trade-secrets.html>
- Speaker – Innovators' Breakfast Club on Co-creation and Innovation Infrastructure- 14<sup>th</sup> January 2022. This was attended by UKRI and the members of the Innovation Caucus
- Speaker – University of Newcastle on Frontiers of Co-creation – 20<sup>th</sup> January 2022. This was a research seminar to which I was invited to present my work on co-creation

**Thanos Fragkandreas**

- Invited presentation on “Three Decades of Research on Innovation and Inequality: Causal Scenarios, Explanatory Factors, and Suggestions”, Annual Conference of the Association for Heterodox Economists, London, July 2022
- Invited presentation on “Striking the Golden Mean: Identity and Innovation in the German Games Industry”, Annual Conference of the Society for the Advancement of Socioeconomics, Amsterdam, July 2022
- Invited presentation on “Is the Linear Model of Innovation Dead?”, British Academy of Management Annual Conference, Manchester, September 2022
- Invited lecture on “Case Study Research on Innovation Systems”, PhD Seminar, University College London.

**Grazia Ietto-Gillies**

- Invited presentation on “Transnationality in the digital era. Concept and indicators” at the University of Torino, Master in International Studies, 8<sup>th</sup> March 2022

**Helen Lawton Smith**

- Invited presentation on the TRIGGER project at the Annual Athena SWAN guest lecture, Imperial College London, 15<sup>th</sup> February 2022
- Paper presentation on ‘Ethnic minority women entrepreneurs’ support networks: An inclusive entrepreneurial ecosystems approach’ at 16th edition Regional Innovation Policies Conference 2022 Padua, Italy September 21-23 2022 (with Beldina Owala).
- Speaker at the event “How higher education can harness and empower the UK’s research and innovation clusters”, organised by Times Higher Education and Huawei, 6th October 2022.
- Panel member for session on *Inclusive Entrepreneurship* Global Entrepreneurship Week Event GEW UK's Official Launch Event Monday October 14<sup>th</sup> 2022

**Helen Lawton Smith and Muthu De Silva**

- Presentation in “Past and Future Entrepreneurs: the Entrepreneurial Learning Experience at Birkbeck” at the Useful Knowledge Conference, Birkbeck, 24th February 2022

**Jacqueline Winstanley**

- Chair and speaker at the Global Entrepreneurship Week UK, organised in partnership with NatWest, 14th October 2022.

**Federica Rossi**

- Invited presentation on "What do the KEF narratives tell us about engagement and use of metrics in arts and culture KE?" at the NCACE and Research England KE Review Consultation Event, 14 June 2022
- Chaired workshop on "Culture and Collaborations on Climate Emergency", National Centre for Academic and Cultural Engagement, 23 June 2022

**Pamela Yeow**

- Speaker at the event "Grow Your Own Way: Unlocking the Growth Potential of UK Enterprise" at the NatWest Conference Centre, organised by BEIS and Help to Grow, 14th June 2022

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## CIMR EVENTS 2022

### CIMR DEBATES IN PUBLIC POLICY

CIMR organised a set of lunchtime one-hour online debates on topical issues. In each, leading scholars and practitioners presented their ideas on current economic, innovation and policy issues with the audience challenging their ideas.

Each has addressed critically important societal issues such as advances in new technology, equality, diversity and inclusion, skills

Date	Title	More Information	Links
January 26th	How can digital technology be used to maximise social value through infrastructure projects?	With Jeremy Galpin (Lead Consultant for digital social value, Costain); Isabelle Parasram OBE (CEO of Social Value UK); Ellie Jenkins (Director of Communication & Engagement, Construction Innovation Hub); Dr David Janner-Klausner (Co-founder and Director of Customer Success, Commonplace); Mark Hedges (Asset Data and Information Manager, Anglian Water); Chair: Professor Klaus Nielsen (Birkbeck)	<a href="#">YouTube</a> <a href="#">Blog</a>
February 9th	Passion in entrepreneurship	With James Brook (Founder and CEO of TalentPredix), Wai Foong Ng (Founder and CEO of Matchable), Chair: Alex Till (Chief Executive, MENTA).	<a href="#">YouTube</a> <a href="#">Blog</a>
February 25th	Building research visibility through social media	With Dr Bex Hewett (Rotterdam School of Management), Professor Brian Harney (DCU Business School, Dublin), Chair: Doyin Olorunfemi (Birkbeck University of London)	<a href="#">YouTube</a> <a href="#">Blog</a>



March 2nd	Regional economies and digital transformation	With Prof. David Langley (University of Groningen and TNO), Pierre Yves Dannet (Orange), Brian Macaulay (Digital Catapult), Dr Federica Rossi (Birkbeck, University of London), Chair: Saverio Romeo (Birkbeck, University of London)	<a href="#">YouTube</a> <a href="#">Blog</a>
April 27 <sup>th</sup>	Endless Possibilities: What roles will universities play in new hybrid ways of creating inclusive entrepreneurship?	With Jacqueline Winstanley (Universal Inclusion), Nigel Coates (Northumbria University), Thomas Cooney – Technological University Dublin (TU Dublin), Jo-Ann Rolle (Medgar Evers College). Joint chairs: David Walsh (King's), Jacqueline Winstanley (Universal Inclusion)	<a href="#">YouTube</a> <a href="#">Blog</a>
May 19 <sup>th</sup>	Venture capital industry and entrepreneurial finance	With Dr. Grace Bo Peng (Birkbeck, University of London), Dr. Muthu De Silva (Birkbeck, University of London), Dr. Yannis Pierrakis (UIC Barcelona). Chair: Dr. Marion Frenz (Birkbeck, University of London)	<a href="#">Blog</a>



June 1st	How to succeed in global, sustainable innovation: academic and practitioner perspectives	<p>Panel 1 (academic perspective) with Prof Tomasz Mrockowski (American University), Dr Helka-Maria Kalliomäki (University of Vaasa), Dr Brett Gilbert (American University), Dr Emma Chen and Dr Anna Fung (American University), Chair: Prof Martin Meyer (University of Vaasa)</p> <p>Panel 2 (practitioner perspective) with Prof Ben Laker (Henley Business School), David Golding (Head of Global Innovation Partnerships, Innovate UK), Huw Watkins (Head of Asia Policy, Intellectual Property Office, UK), Rajashree Padmanabhi (Analyst, Climate Policy Initiative), Chair: Dr Muthu De Silva (Birkbeck, University of London)</p>	<a href="#">YouTube</a>  <a href="#">Blog</a>
June 15 <sup>th</sup>	Challenges and benefits of operating to quality standards	With Jacob Mogensen (Food & Bio Cluster Denmark), Jon Murthy (LGC Assure), Marion Frenz (Birkbeck), Martí Casadesús (Universitat de Girona); discussant: Ray Lambert (Birkbeck); chair: Helen Lawton Smith (Birkbeck)	<a href="#">YouTube</a>  <a href="#">Blog</a>

July 13 <sup>th</sup>	Mapping potential impact and risks from digital transformation in public organizations: delivering targeted policies to make public sectors more resilient	With Riccardo Zechinelli, Cabinet Office & Visiting Fellow CIMR), Hayfa Mohdzaini, Senior Research Advisor CIPD), Maria Axente (Responsible AI and AI for Good Lead at PwC), Josh Entsminger (UCL Institute for Innovation and Public Purpose), Chair: Manto Gotsi (Birkbeck)	<a href="#">YouTube</a> <a href="#">Blog</a>
October 5 <sup>th</sup>	Creative entrepreneurship and entrepreneurial development in Liverpool City Region	With Alison Pountney (musician, creative entrepreneur and Innovation Coach at the University of Liverpool), Dr Dave Tully (owner of Scenograph, VR/AR game developer and multiverse researcher, specialising in mental health applications. Chair: Dr Andrew Atter (edtech founder, innovation researcher and psychodynamic coach)	<a href="#">YouTube</a> <a href="#">Blog</a>
October 19 <sup>th</sup>	Innovation policy and the Covid-19 pandemic: What role for co-creation and crowdsourcing instruments?	Dr Annalisa Caloffi (University of Florence), Dr Ana Colovic (NEOMA Business School), Prof. Muthu De Silva (Birkbeck, University of London), Dr. erica Rossi (Birkbeck, University of London). Chair: Dr. Laura Kreiling (OECD)	<a href="#">YouTube</a> <a href="#">Blog</a>
November 9 <sup>th</sup>	The Digital Innovation race	With Dr Cecelia Rikap (City, University of London), Prof. Daniele Archibugi (Birkbeck, University of London). Chair: Dr Keith Smith	<a href="#">YouTube</a>

December 6th	Future directions for disability entrepreneurship research	With Dr Ning Baines and Dr Te Klangboonkrong (University of Leicester), Prof Helen Lawton Smith (Birkbeck, University of London), Prof Wilson Ng (IDRAC Business School), Prof Felix Arndt (University of Geulph), Dr Anica Zeyen (Royal Holloway, University of London), Dr Tom Coogan (University of Nottingham). Chair: Jacqueline Winstanley (Universal Inclusion)	<a href="#">YouTube</a>  <a href="#">Blog</a>
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## OTHER WORKSHOPS AND PANEL EVENTS FEATURING CIMR COLLEAGUES

September 16th	Research uses of HEBCI survey data and future development of the HEBCI	With Federica Rossi (Birkbeck, University of London), Abhijit Sengupta (University of Surrey), Dan Cook and Hannah Browne (Higher Education Statistics Agency)	<a href="#">Blog</a>
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# CIMR BLOGS

CIMR people have been active in publishing blogs:

**Transnationality in the digital era: a reconceptualization** by Grazia Ietto-Gillies, Jan 2022

**Future entrepreneurs: exploring paradigms in the entrepreneurial learning experience** by Helen Lawton Smith and Muthu de Silva, 14<sup>th</sup> January 2022

**Engaged scholarship: addressing regional inequalities in innovation opportunities for BAME and disabled entrepreneurs** by Helen Lawton Smith and Ayse Seyyide, 24<sup>th</sup> February 2022

**What interventions should universities implement to increase their diversification or specialization in knowledge exchange?** by Federica Rossi and Abhijit Sengupta, 25<sup>th</sup> February 2022

**How does academic research generate arts and culture-related impact?** by Federica Rossi, 14<sup>th</sup> March 2022

**Governments' use of crowdsourcing during COVID-19: some insights from a study of crowdsourcing challenges** by Ana Colovic, Annalisa Caloffi and Federica Rossi, 16<sup>th</sup> March 2022

**Paper development workshop for Technovation Special Issue** by Mehdi Bagherdazeh Niri, Annalisa Caloffi, Ana Colovic, Stefania Paladini, Federica Rossi, 1<sup>st</sup> Apr 2022

**Top-cited article in Strategic Change: Briefings in Entrepreneurial Finance** by Federica Rossi, 4<sup>th</sup> April 2022

**New book – The digital innovation race: conceptualizing the emerging new world order** by Cecilia Rikap and Bengt-Åke Lundvall, 7<sup>th</sup> April 2022

**The contribution of students to regional economies: reframing the regional innovation systems approach – Shiri M. Breznitz, Helen Lawton Smith and Sharmistha Bagchi-Sen** by Federica Rossi, 28<sup>th</sup> April 2022



**Is a mix of policy instruments better than individual instruments to support business innovation performance?** by Federica Rossi, 29<sup>th</sup> April 2022

**Endless possibilities: what roles will universities play in new hybrid ways of creating inclusive entrepreneurship?** by Isobel Edwards and Jacqueline Winstanley, 4<sup>th</sup> May 2022

**Exploring relations between Triple, Quadruple and quintuple helix models** by Helen Lawton Smith and Loet Leydesdorff, 6<sup>th</sup> May 2022

**New book: Gender, Diversity and Innovation: Concepts, Policies and Practice** by Beldina Owalla, Tim Vorley and Helen Lawton Smith, 12<sup>th</sup> May 2022

**Mapping the distribution of Internet of Things competences across European regions** by Federica Rossi, 17<sup>th</sup> May 2022

**Call for abstracts – “Research uses of HEBCI survey data and future development of the HEBCI”** by Federica Rossi, 25<sup>th</sup> May 2022

**Venture Capital Industry and Entrepreneurial Finance** by Federica Rossi, 25<sup>th</sup> May 2022

**CIMR Fellows appointed as Birkbeck Visiting Professors** by Helen Lawton Smith, Marion Frenz, Federica Rossi, 31<sup>st</sup> May 2022

**Our CIMR colleague Loet Leydesdorff is the 34th most cited scientist in the Social Sciences and Humanities worldwide** by Federica Rossi, 8<sup>th</sup> June 2022

**An interview with CIMR academic Ashok Kumar – Recent winner of the PWES Wallerstein Memorial Book Award** by Federica Rossi and Helen Lawton Smith, 16<sup>th</sup> June 2022

**CIMR hybrid workshop explores how to succeed in global, sustainable innovation** by Federica Rossi, 16<sup>th</sup> June 2022

**New Book: Defence Acquisition and Procurement, by Ron Smith** by Ron Smith,, 27<sup>th</sup> June 2022

**Challenges and benefits of operating to quality standards**, by Federica Rossi, 4<sup>th</sup> July 2022

**CIMR panel on 'Innovation and regional inequality', Research Centres Impact Day**, by Federica Rossi, 5<sup>th</sup> July 2022

**The Entrepreneurial University: A comparative analysis of self-reflection tools**, by Colette Henry, 6<sup>th</sup> July 2022

**CIMR academic Muthu de Silva promoted to Professor**, by Muthu de Silva and Federica Rossi, 8<sup>th</sup> July 2022

**CIMR Research in Focus 11: Much to celebrate this Summer term**, by Isobel Edwards, 8<sup>th</sup> July 2022

**Minority Groups in Entrepreneurship: a new Special Issue published in Strategic Change**, by Helen Lawton Smith, 13<sup>th</sup> July 2022

**Sectors' analysis: a come-back kid?** by Grazia Ietto-Gillies, 14<sup>th</sup> July 2022

**Revolutionising Women's Entrepreneurship Policy** by Colette Henry, 18<sup>th</sup> July 2022

**Mapping potential impact and risks from digital transformation in public organizations** by Federica Rossi, 23<sup>rd</sup> July 2022

**An interview with new CIMR member Dr Fumi Kitagawa** by Fumi Kitagawa in conversation with Federica Rossi, 26<sup>th</sup> July 2022

**Addressing regional inequalities in innovation opportunities for ethnically diverse and disabled entrepreneurs** by Helen Lawton Smith and Dina Mansour, 14<sup>th</sup> September 2022

**An interview with CIMR member Prof Elvira Uyarra** by Elvira Uyarra in conversation with Federica Rossi, 3<sup>rd</sup> October 2022

**Attending my first academic conference: tips and surprises** by Emma Palmer Foster, 9<sup>th</sup> October 2022

**Creative Entrepreneurship and Skills Development in Liverpool City Region**, by Isobel Edwards, 12<sup>th</sup> October 2022

**University spin-offs – what do we know about their survival and performance?** by Peter Jelfs and Helen Lawton Smith, 16<sup>th</sup> October 2022

**Innovation policy and the COVID-19 pandemic: What role for co-creation and crowdsourcing instruments?**, Federica Rossi, 24<sup>th</sup> October 2022

**Why do public research organisations outsource their knowledge transfer management?**, by Maryam Ghorbankhani and Federica Rossi, 28<sup>th</sup> October 2022

**What about the regions? Improving policy for disabled innovative entrepreneurs** by Helen Lawton Smith, 7<sup>th</sup> December 2022

**Two recent articles on Forbes feature CIMR academic Muthu de Silva**, 13<sup>th</sup> July 2022

**CIMR receives Public Engagement Award for the CIMR Debates in Public Policy series**, 25<sup>th</sup> July 2022

**Jacqueline Winstanley joins Ulster Bank ‘Dragons Den meets Harkin Belfast’ as a Judge and Panel member**, 28<sup>th</sup> July 2022

**Workshop “Research uses of HEBCI survey data and future development of the HEBCI”** by Federica Rossi, 2<sup>nd</sup> September 2022

**Project report: Addressing regional inequalities in innovation opportunities for ethnically diverse and disabled entrepreneurs**, 12<sup>th</sup> September 2022

**CIMR Debates in Public Policy: Autumn 2022 calendar**, 13<sup>th</sup> September 2022

**Welcome to new CIMR member Dr Abdulrahman Al-Surmi**, 3<sup>rd</sup> October 2022

**Prof Helen Lawton Smith’s research featured in Times Higher Education**, 9<sup>th</sup> October 2022

**CIMR Director speaks at Global Entrepreneurship Week UK 2022**, 11<sup>th</sup> October 2022

**CIMR annual strategy meeting**, 7<sup>th</sup> November 2022

**CIMR welcomes Professor Michael Mainelli as our new Visiting Fellow** 24<sup>th</sup> November 2022

**Female entrepreneurship in Saudi Arabia: opportunities and challenges** 24<sup>th</sup>

November 2022

**CIMR Research in Focus 12: Looking ahead to 2023** 29<sup>th</sup> November 2022

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## INTERACTION WITH BUSINESS, SOCIETY AND POLICY MAKERS (IMPACT)

**Muthu De Silva's** two joint reports with the OECD were launched/presented during following events:

- Co-creation during COVID-19: insights from practical experience. 12<sup>th</sup> of October 2022. – attended by OECD delegates and other international participants.
- EuroScience Open Forum (ESOF2022), Europe's largest multidisciplinary and prestigious general science conference held in Leiden, July 13-16, 2022

Interim findings of Muthu de Silva's on-going project with the OECD "university-business co-creation for green transition" was presented at:

- Enhancing universities' impact on sustainability: lessons from international best practices. 17<sup>th</sup> November 2022. Attended by OECD delegates and other international participants.
- The 60<sup>th</sup> meeting of the Working Party on Innovation and Technology Policy (TIP), 7<sup>th</sup> -9<sup>th</sup> December 2022.

**Marion Frenz and Ray Lambert** explored the impacts on food business sites of operating to food safety standards, on behalf of [BRCGS](#), one of the leading standards providers. The full report is available [here](#).



## RESEARCH OUTPUT

**This section includes research output by CIMR academic staff and Visiting Fellows.**

CIMR members continue to excel in research output.

**Muthu De Silva's** work has been featured in three Forbes articles:

Co-Creation: Policy Implications And Lessons For Leaders Link:

<https://www.forbes.com/sites/benjaminlaker/2022/12/17/co-creation-policy-implications-and-lessons-for-leaders/?sh=596b927a2c0d> (December 2022)

What Leaders Should Know About Alternative Investments Link:

<https://www.forbes.com/sites/benjaminlaker/2022/07/05/what-leaders-should-know-about-alternative-investments/?sh=45227eb04491> (July 2022)

Co-Creation: A Powerful Tool For Organizations Looking To Become More Innovative.

Link: <https://www.forbes.com/sites/benjaminlaker/2022/07/12/co-creation-a-powerful-tool-for-organizations-looking-to-become-more-innovative/?sh=2e0470b5579d> (July 2022)



All publications by Birkbeck staff can be found on [Biron](#).

## SPECIAL ISSUES

**Carla Susana Marques, Vitor Braga, João J. Ferreira, and Helen Lawton Smith**

- guest editors for the Special Issue: Minority Groups in entrepreneurship, Part I, Strategic change: Briefings in Entrepreneurial Finance, Volume 31, Issue 2, Pages: 193-268, March 2022
- guest editors for the Special Issue: Minority groups in entrepreneurship. Strategic Change, 31(4), pp.361-366.

<https://onlinelibrary.wiley.com/toc/10991697/2022/31/4>

**Jasmina Berbegal-Mirabent, Ugo Rizzo and Federica Rossi** – guest editors for the Special Issue: University-Industry Collaborations for Inclusive Innovation and Sustainable Development in the International Journal of Intellectual Property Management, 20220 Vol.12 No.1

<https://www.inderscience.com/info/inarticletoc.php?jcode=ijipm&year=2022&vol=12&issue=1>

**Cai, Y** - Neo-triple helix model of innovation ecosystems: integrating triple, quadruple and quintuple helix models. Triple Helix, 1(aop), pp.1-31. (April 2022)

[https://brill.com/view/journals/thj/9/1/article-p76\\_7.xml](https://brill.com/view/journals/thj/9/1/article-p76_7.xml)

**Carayannis, E.G. and Campbell, D.F.** - Towards an Emerging Unified Theory of Helix Architectures (EUTOHA): Focus on the Quintuple Innovation Helix Framework as the Integrative Device. Triple Helix, 1(aop), pp.1-11. (April 2022)

[https://brill.com/view/journals/thj/9/1/article-p65\\_6.xml](https://brill.com/view/journals/thj/9/1/article-p65_6.xml)

## BOOKS

**Archibugi, D.** (2022) [L'apprendista stregone. Consigli, trucchi e sortilegi per aspiranti studiosi](#). Luiss University Press

**Owalla, B., Vorley, T. and Lawton Smith, H.** eds., (2022). [Gender, Diversity and Innovation: Concepts, Policies and Practice](#). Edward Elgar Publishing.

**Rossi, F.** (2022) [The contribution of universities to business innovation](#). In: Antonelli, C. (ed.) Elgar Encyclopedia on the Economics of Knowledge and Innovation. Elgar Encyclopedias in Economics and Finance. Edward Elgar. pp. 63-71. ISBN 9781839106989.

**Rikap, C. and Lundvall, B. A.** (2022) [The digital innovation race: conceptualizing the emerging new world order](#). Palgrave Macmillan

**Smith R.** [Defence Acquisition and Procurement: How \(Not\) to Buy Weapons, Elements in Defence Economics](#), Cambridge University Press, 2022, DOI: 10.1017/9781009189644.

## JOURNAL ARTICLES

**Al-Tabbaa, O. and Nasr, A. and Zahoor, N. and De Silva, Muthu** (2022) Socio-emotional wealth preservation and alliance success in family firms: the role of political instability and alliance management capability. British Journal of Management ISSN 1045-3172.

**Archibugi, R. Evangelista, A. Vezzani,** Regional technological capabilities and the access to H2020 funds, Journal of Common Market Studies, online, 2021, 19 December is out. <http://www.irpps.cnr.it/wp-content/uploads/2022/01/Archi-Eva-Vezza-Regional-Technological-Capabilities-and-the-Access-to-H2020-Funds-JCMS-2021.pdf>

**Baines, N., Klangboonkrong, T. and Lawton Smith, H.** "Exploring product/service innovation process in UK University spin-offs from practice-based lens", Journal of Technology Transfer, in press

**Berbegal Mirabent, J., Rizzo, U. and F. Rossi** (2022) Editorial: How universities' third mission engagement can support inclusive innovation and sustainable development: addressing some open questions, Special Issue on: University-Industry Collaborations for Inclusive Innovation and Sustainable Development, International Journal of Intellectual Property Management, 2022 Vol.12 No.1, <https://www.inderscience.com/info/dl.php?filename=2022/ijipm-7563.pdf>

**Breznitz, S.M., Lawton Smith, H. and Bagchi-Sen, S.** (2022). "The contribution of students to regional economies: reframing the regional innovation systems approach." *Regional Studies*, pp.1-7.

<https://www.tandfonline.com/doi/full/10.1080/00343404.2022.2053097>

**Colovic, A., Caloffi, A. and F. Rossi**, Crowdsourcing and COVID-19: How public administrations mobilize crowds to find solutions to problems posed by the pandemic, *Public Administration Review*, in press.

**Caloffi, A., Freo, S., Ghinoi, M., Mariani and F. Rossi** (2022) "Assessing the effects of a deliberate policy mix: the case of technology and innovation advisory services and innovation vouchers." *Research Policy*

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**De Silva, Muthu and Howells, J. and Khan, Z. and Meyer, M.** (2022) Innovation ambidexterity and public innovation intermediaries: the mediating role of capabilities. *Journal of Business Research* 149, pp. 14-29. ISSN 0148-2963.

**Doyle, N., McDowall, A., & Waseem, U.** (2022). "Intersectional stigma for Autistic people at work: a compound adverse impact effect on labor force participation and experiences of belonging." *Autism in Adulthood*.

<https://www.liebertpub.com/doi/abs/10.1089/aut.2021.0082>

**Fragkandreas, T.** (2022). Three decades of research on innovation and inequality: causal scenarios, explanatory factors, and suggestions.

<https://eprints.bbk.ac.uk/id/eprint/47609/1/47609.pdf>

**Ghorbankhani, M. and Rossi, F.** (2022). "Intrinsic and strategic complementarity of research and knowledge transfer activities as determinants of knowledge transfer management: evidence from public research organisations" *The Journal of Technology Transfer*. <https://link.springer.com/article/10.1007/s10961-022-09970-w>

**Halilem, N. and De Silva, Muthu and Amara, N.** (2022) Fairly assessing unfairness: an exploration of gender disparities in informal entrepreneurship among academics in business schools. *Technological Forecasting & Social Change* 174, pp. 121295. ISSN 0040-1625.

**Jelfs, P. and Smith, H.L.**, 2022. "A comparative study of the survival of university spin-off companies (USOs) in the post-industrial UK West Midlands region." *Studies in Higher Education*, 47(10), pp.2117-2126.

<https://www.tandfonline.com/doi/full/10.1080/03075079.2022.2122663>

**letto-Gillies, G.**, 2022. "Transnationality in the XXI century. Concept and indicators. critical perspectives on international business."

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**letto-Gillies, G. and Trentini, C.**, 2022. "Sectoral Structure and the Digital Era. Conceptual and Empirical Analysis."

**letto-Gillies, G.** Review article of: Sally Rooney *Normal People*, 2022, *Studi Irlandesi. A Journal of Irish Studies*, Vol 12, pp. 310-314; by

<https://oajournals.fupress.net/index.php/bsfm-sijis/issue/view/571>

**Lawton Smith, H., and De Silva, M** (2022) 'Future Entrepreneurs: Exploring Paradigms in the Entrepreneurial Learning Experience' in Colette Henry., Barbara Filipa Casqueira Coelho Gabriel., Klaus Sailer., Ester Bernadó-Mansilla., Katja Lahikainen (eds) *Strategies for the Creation and Maintenance of Entrepreneurial Universities*, IGI Global, pp.168-193: DOI: 10.4018/978-1-7998-7456-0.ch008 <https://www.igi-global.com/chapter/future-entrepreneurs/295118>

**Lawton Smith, H and Leydesdorff, L** 2022 Have Quadruple and Quintuple Helices Emerged? Metaphors, Project Titles, and Empirical Research *Triple Helix* Published online July 8 2022 1-10

**Leydesdorff, Loet and Zhang, Lin and Wouters, Paul**, (2022) Trajectories and Regimes in Research and Knowledge Evaluations: Contributions to an Evolutionary Theory of Citation? Available at SSRN: <https://ssrn.com/abstract=>

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**Rossi, F. and De Silva, M., Baines, N. and Rosli, A.** (2022) Long-term innovation outcomes of university-industry collaborations: the role of 'bridging' vs 'blurring' boundary spanning practices. *British Journal of Management* 33 (1), pp. 478-501. ISSN 1045-3172.

**Rossi, F. and A. Sengupta** (2022) "Implementing strategic changes in universities' knowledge exchange profiles: the role and nature of managerial interventions", *Journal of Business Research*, <https://doi.org/10.1016/j.jbusres.2022.02.055> The article is free to download until April 12, 2022, using this link: <https://www.sciencedirect.com/science/article/pii/S0148296322001746?dgcid=author>

**Russo, M., Caloffi, A., Colovic, A., Pavone, P., Romeo, S. and F. Rossi** (2022) "Mapping regional strengths in a key enabling technology: The distribution of Internet of Things competences across European regions." *Papers in Regional Science* <https://doi.org/10.1111/pirs.12679>.

## REPORTS AND POLICY BRIEFS

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**Potter, J.** OECD (2022). Report on "Promoting Start-Ups and Scale-Ups in Denmark's Sector Strongholds and Emerging Industries", OECD Studies on SMEs and Entrepreneurship, OECD Publishing, Paris, <https://doi.org/10.1787/8f9bd7b0-en>

**Lawton Smith, H., and Mansour, D.** (2022) "Addressing regional inequalities in innovation opportunities for ethnically diverse and disabled entrepreneurs. Project Report. CIMR, Birkbeck, University of London, London, UK." <https://eprints.bbk.ac.uk/id/eprint/49101/>

**De Silva, M. and Lavelle, O. and Schmidt, N. and Paunov, C.** (2022) [Co-creation during COVID-19: 30 comparative international case studies](#). OECD. ISSN 2307-4957.

**De Silva, M. and Schmidt, N. and Paunov, C. and Lavelle, O.** (2022) [How did COVID-19 shape co-creation? Insights and policy lessons from international initiatives](#). OECD. ISSN 23074957.

## CIMR WORKING PAPERS 2022

The objective of the CIMR Working Papers is to publicise research being done by its academics, PhD students, Research fellows, Visiting fellows, Stakeholders and visitors.

**WP58** Jeremy Galpin [How can digital technology be used to maximise the social value delivered through major infrastructure projects?](#)

**WP59** George Yunxiong Li, Andrea Ascani, Simona Iammarino [The material basis of modern technologies. A case study on rare metals](#)

**WP60** Thanos Fragkandreas [Three decades of research on innovation and inequality: causal scenarios, explanatory factors, and suggestions](#)

**WP61** Jonathan Potter, Helen Lawton Smith [Applying the entrepreneurial ecosystem concept to regional entrepreneurship policy analysis – a critique](#)

**WP62** [Geopolitical and Environmental Implications of the Ukraine Conflict](#), Keith Smith

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## CIMR PhD STUDENT AND ALUMNI NEWS

Currently there are some twenty PHD students and alumni within the Department of Management involved with CIMR. Their details are listed on the [CIMR website](#).

PhD students and alumni are invited to attend CIMR workshops, to submit working papers, to help organise events – sometimes as paid research assistants to CIMR, and

to be speakers in CIMR events. These provide the main opportunities for networking and social activities.

Many congratulations to **Doyin Olorunfemi**, CIMR PhD student for her new job! Doyin is now Enterprise Fellow at Brunel, University of London. She is also Lecturer in Entrepreneurship at Birkbeck, University of London.

Many thanks to Jeremy **Jeremy Galpin**, CIMR alumni who supported us on the organisation of our CIMR events. Jeremy has over 30 years of experience across Social Value, Human Resources, Stakeholder Management and Engineering in both corporate and complex project roles. In his current role he leads on the Costain Group Digital Social Value consultancy offering. Jeremy has a MSc with Distinction in Business Innovation and International Technology Management at the University of London, Birkbeck College.

Jeremy is passionate about playing a leading role in driving the difference that business can make in creating a better world for future generations. Jeremy is playing a leading role in supporting customers in aligning their capital delivery decision making processes with the global capitals models using a 'value based approach to assets' to deliver more sustainable outcomes for society. Jeremy was a founding member and Director, and Chair of Governors at the London Design and Engineering University Technical College (LDE UTC) for 8 years . Jeremy is an Associate Practitioner with Social Value International, a Chartered Fellow with the Institute of Personnel and Development, a Chartered Engineer and a Member of the Association of Coaching.

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## INNOVATION TEACHING IN CIMR

CIMR staff are engaged in research-led teaching to undergraduates, postgraduates and professionals. Teaching of entrepreneurship is a particular strength. CIMR faculty are experts in entrepreneurship and innovation. Drawing on our expertise, Birkbeck offers a range of entrepreneurship courses to undergraduate (UG) and postgraduate (PG) students, both as curricular and extra-curricular.



[Teaching – Centre for Innovation Management Research \(bbk.ac.uk\)](https://www.bbk.ac.uk)

**Doyin Olorunfemi**, who was a student of the Master Business Innovation and Entrepreneurship in 2006, now teaches the following modules:

- Business Projects: progressing idea to a viable business.(UG)
- Management of Innovation (UG)
- Research Methods in Management (UG)
- Entrepreneurial Venture Creation (PG)



More details of our activities can be found on our [website](https://www.bbk.ac.uk).

*Helen Lawton Smith, Marion Frenz, Federica Rossi and Gabriella Losito*

February 2023

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