



Newsletter: Issue 15, Autumn 2022

Introduction

We are delighted to confirm that Connected Everything has received a 12-month extension to November 2023. This is a real testament to all our network members who have created such a valuable and recognised support mechanism, particularly for those in the earlier stages of their career to advance digital manufacturing research.

As a result of the extension, we can now plan several new activities, some of which are detailed in this newsletter.

Thank you for your continued support and participation in the network. We're looking forward to seeing what brilliant things we can achieve in the next year!



Contents

- Feasibility Study Call announced
- 2050 Digital World – preview of highlights and recommendations
- Current Feasibility studies update and reports
- Early Career Researchers placement reports
- Current publications by network members

Please click on the links given throughout the newsletter for further details.

Feasibility Study funding call now open

CEll will continue to expand our multidisciplinary community of researchers and industrialists from a range of disciplines to address key challenges associated with the future of digital manufacturing. We will be collaborative, multidisciplinary and inclusive in our approach to knowledge creation, knowledge transfer, new collaborations and strategic influence to achieve demonstrable impact on people, society and the economy.

CEll is looking to fund a round of feasibility studies with **a specific focus on industry involvement which reflects one or more of our [7 themes](#)**. Our total funding available for this call is £300,000 and we want to fund as many high-quality applications as possible. Projects will be funded to a maximum value of £60,000 at full Economic Cost (fEC). Funding will be awarded at 80% fEC (total project value cannot exceed £60,000). Projects can be between 6 and 12 months in length and must complete before the end of October 2023. Applications where a portion of the £60,000 costs is met by industry funding are also welcomed.



As CEII is funded by EPSRC, our focus is on fundamental ideas that have potential to be developed into future applications or concepts that can be implemented within Digital Manufacturing. Therefore, proposals should address challenges at [low Technology Readiness Levels](#) (TRLs 1-3) and be aligned with at least one of the thematic areas.

Key dates

September / October 2022	Call for proposals goes live
12 October 2022	Feasibility Study call - Question and Answer session (online). To book your place go to eventbrite
9 November 2022	Deadline for submissions (5PM)
w/c 28 November 2022	Invitations to Panel Pitch Day issued Unsuccessful proposals advised
16 December 2022	Panel Pitches (online)
w/c 19 December 2022	Successful proposals announced
12 January 2023	Kick off meeting (online)
January 2023	Feasibility studies begin

Support and guidance

For all the details and to get the application forms please go to our website - <https://connectedeverything.ac.uk/feasibility-studies/>. This will also give you examples of the 20 feasibility studies funded previously.

We have developed a range of resources to help applicants gain a good idea of the process. These are all on our You Tube channel:

- [Successful applicants talking about their experiences](#) at our May 2022 conference
- [Writing a successful feasibility study call application](#) podcast
- [How to present to the panel at your pitch](#) podcast
- [Experience of a team who pitched at a panel](#) podcast

Contact information

If you have any questions regarding this call for proposals, please contact the Connected Everything Network Feasibility Study Manager, Laura Brian at email: laura.brian@nottingham.ac.uk



Digital World 2050

During the past 2 years Connected Everything with its members has been developing our thought piece around Digital World 2050. We have worked with over 50 Connected Everything members to develop the report and create a set of recommendations. We can't actually call this report hot off the press, as it is still with the printers at the time of this newsletter. But we are keen to start sharing our thoughts with our digital manufacturing community.

Key areas covered in the report are:

- Industrial Digital Technologies in 2050
- Digitisation and The Manufacturing Workforce of the Future
- Digital Support for Achieving Net Zero Manufacturing by 2050
- Digitally Enabled Manufacturing Resilience

Professor Fiona Charney, Connected Everything Co-Investigator will present Digital World 2050, with opportunity for questions and comments on **12 October 2022 at 10:30am** during this online event. To register for this event go to [eventbrite](https://www.eventbrite.com/e/digital-world-2050-tickets-34888888888).

Feasibility Study reports

All of our current feasibility studies funded to date have now completed. Their publications, demonstrators and lessons learned are captured within their end of project summaries. These can now all be accessed on our website - <https://connectedeverything.ac.uk/feasibility-studies/>

Early career placement reports

Connected Everything has supported many placements since 2016. While the pandemic restricted our placement activity for sometime, we were able to support a total of 8 placements during the past 12 months. Summaries of these can be found on our website:

Kartikeya Walia, Post Graduate Researcher, Nottingham Trent University, placement with PepsiCo in 2022. [Click here](#) for a brief summary of the "Designing and developing a Modular Robotic System" placement.

Dr John Oyekan, University of Sheffield described his placement in Spring 2022 with the Satellite Applications Catapult in this short [summary](#).

Dr Anna Chatzimichali, UWE Bristol wrote a [summary](#) of her activity with Gen3D.

Many of our funded researchers also gave an overview of their experience, captured on our recent film of network members which can be seen on our [You Tube channel](#). We intend to open a new placement funding call in early 2023.

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Publications

As a result of over 6 years funding, our members have now created a wealth of publications to help advance digital manufacturing research. The current list of 30+ publications can be found on the website - <https://connectedeverything.ac.uk/publications>

Join Connected Everything at connectedeverything.ac.uk

- Visit our website to sign up to the network
- Find out about forthcoming events and activities
- Let us know what would be useful to you
- Promote your event through Connected Everything
- Interact with members through our [LinkedIn group](#)
- Watch (or listen) to the huge range of films on our [You Tube channel](#).
- Follow us on [LinkedIn](#) and Twitter - @ConnectedII