Royal Academy of Engineering

THIS IS ENGINEERING

THE MUSEUM OF ENGINEERING INNOVATION

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Engineering in the UK still faces a significant skills and diversity shortfall.

One of the main barriers to young people pursuing a career in engineering is deeply rooted cultural perceptions of the profession being mechanical, too technical and boring.

This is why, for *This is Engineering Day* 2020, the Royal Academy of Engineering, announced its plans to launch a new virtual museum; The Museum of Engineering Innovation.

The museum will roll out in 2021 and will celebrate the engineering around us that typically goes unnoticed or unappreciated. It will connect real world locations up and down the UK with stories told online that uncover the innovation and innovators that are shaping the world around us.

HOW WILL IT WORK?

Exhibits in the Museum of Engineering Innovation will be accessed via QR codes – or 'QRtefacts' – dotted around the country in accessible locations. By scanning the QRtefacts, visitors are taken to exhibits online that demonstrate how engineering is tackling big societal issues and improving our day to day.

So instead of being housed in a building, our ambition is that this museum's artefacts will be all around us, within reach as we go about our daily lives.

PARALYMPIAN JONNIE PEACOCK - GOLD MEDAL PROSTHETICS

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NOMINATE YOUR OWN ENGINEERING EXHIBIT

We are looking for you to nominate feats of engineering that are either tackling some of the big issues facing us today and/or making a difference to our everyday lives for inclusion in the Museum of Engineering Innovation in 2021. We are looking for innovations from the full range of engineering disciplines, including innovations in traditional areas of engineering, as well as emerging technology areas that are less commonly perceived as engineering. To nominate:

In no more than 400 words describe:
* The problem that the (exhibit) solves and how engineering solved the problem
* How the (exhibit) has made a difference, the impact it has had on our everyday lives, how it has shaped our present and our future (please keep technical language to a minimum)

Submit images/videos that illustrate the story:
* Visually interesting for a wide audience (please limit technical detail)
* As high res as possible
* Only those images that you own the usage rights

Please email your nominations to contact@thisisengineering.org.uk by **12pm, 1 February 2021.**

LOOKING FOR INSPIRATION?

Visit the Museum to see example exhibits celebrating engineering innovations across disciplines

TREKINETIC WHEELCHAIR — REINVENTING THE WHEELCHAIR

WHAT HAPPENS NEXT?

Nominations will be reviewed by the *This is Engineering* campaign team, and a panel made up of Academy Fellows, engagement experts, and Google Arts & Culture curators in February.

As well as the criteria mentioned on the nominations page, our panel will be looking for stories that illustrate the work of a diverse range of engineers, represent a balance of engineering applications, and have a good regional spread across the UK.
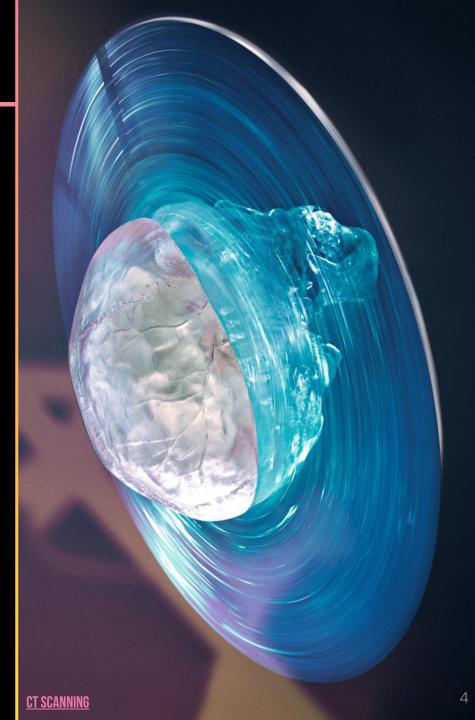
We'll let you know in early March if we would like to turn your nomination into an exhibit, and update you on what happens next. We may need further input to expand on the nomination, or to consult you on where we could position a QR code signposting to the exhibit .

This won't be your only opportunity to nominate. We want the Museum of Engineering Innovation to grow year on year, so we expect to open another round of nominations later in 2021 or in 2022.

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CT SCANNING

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ARCADIA — FROM JUNK TO SPECTACLE

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