



Smeaton Medal 2022 – Smeatonian Society 250th Anniversary Series

## A PRESTIGE MEDAL FOR ENGINEERING ACHIEVEMENT IN EXTREME OR HOSTILE ENVIRONMENTS

Storms, pandemics, space, earthquakes, cyberspace, subsea, cold regions. The challenges that face engineers are unprecedented in history. Do you know an engineer who has overcome extraordinary challenges working in extreme or hostile environments?

The Smeatonian Society, the oldest engineering society in the world, is searching for candidates for its annual prestige medal to be awarded to an engineer in the early or mid-stage of their career for engineering achievement in extreme or hostile environments. This is the second year of this series of special awards made by the Society, launched in its current form to mark the Society's 250th anniversary in 2021. Do you know someone who might meet the criteria?

Nominations open on 14th February and close on 29th April 2022. All nominations should be made using the nomination form [www.smeatonians.org/smeaton-medal](http://www.smeatonians.org/smeaton-medal) and will be considered by the Judging Panel. Further information may be sought from the shortlisted candidates prior to the Panel reaching a final decision on the winner.

The Society is named after John Smeaton, an outstanding engineer of his generation. In the eighteenth century, his design and construction of the Eddystone Lighthouse represented a huge engineering achievement in an extreme and hostile environment. Winter storms, strong tides and the natural rock posed extraordinary challenges that had to be overcome. The imagination, determination and innovation that John Smeaton brought to complete the project in 1759 has inspired members of the Smeatonian Society ever since.

The Society invites nominations for engineering achievement in today's extreme or hostile environments. There are many parallels in today's world to the challenges faced by John Smeaton in his time. Engineering in cyberspace or outer space, mitigating natural disasters, the deep oceans, designing medical devices for the human body, or engineering in extreme climatic, chemical,



biological or nuclear environments. Engineering in any of these environments requires special application and inventiveness. The Smeatonian Society wants to celebrate younger engineers of today who have adapted their work to meet the challenges posed by these extreme conditions. One winner will be chosen each year to be recognised through the award of the Smeaton Medal.

Nominations are welcome for candidates for the 2022 Smeaton Medal from any field of engineering. The final choice of the winner will be determined by the Judging Panel alone on the basis of how they overcame the engineering challenge in the hostile environment that they were faced with. A brief description of the challenge and the nominee's role in the project is essential. Background information on the nominee and their career to date will also be considered. The Judging Panel may request references before making any decision.

The Award will consist of the medal, in hallmarked sterling silver with a gilt finish and an accompanying commemorative certificate. The winner will be contacted by 1st September 2022. The winner and one guest will be invited to attend a formal dinner of the Society to be held in London in late 2022, during which the Medal will be presented to the winner by the President.

## Eligibility

The candidate should be in the early or mid-stage of their career, based at a UK organisation, university or research institution or potentially a UK national working abroad.