

Dean of the New Energy and Energy Storage Research Institute

Who is the Energy Institute?

The Energy Institute at the University of Sheffield is home to more than 300 of the best minds in energy research from around the world, dedicated to using transformational research, innovation and collaboration to address the world's biggest energy challenges. If you aren't sure who to contact then get in touch using our general contact details:

Who is professor Irene Tracey?

Professor Irene Tracey, Vice-Chancellor of the University of Oxford, speaking at the launch event for the Centre for Energy Materials Research. Photo credit: Andrew Bailey.

What is the centre for Energy Materials Research?

The Centre for Energy Materials Research is undoubtedly one of the UK's centres of excellence not just in fundamental battery research but in bringing scientific rigour to overcome manufacturing challenges in commercial use today.

Who is Ihab Ahmed & the sustainable fuels Innovation Centre (SAF-IC)?

The Energy Institute's Ihab Ahmed and the Sustainable Fuels Innovation Centre (SAF-IC) is featured in a BBC News article on SAFs. With several of the PhD projects now close to completion, we showcase our PhD students, supervisors and their projects.

Are there alternative energy storage chemistries based on earth-abundant elements?

This includes projects to explore alternatives to the critically constrained elements lithium and cobalt, such as the work led by Professor Saiful Islam, Professor Sir Peter Bruce, and Dr Robert House on the potential of energy storage chemistries based on earth-abundant elements, such as sodium, manganese, magnesium, and iron.

The institute will develop new energy storage technologies and skills to support Israel's energy sector in meeting the climate challenges. ... (US\$37 million) over the first five ...

The Faraday Institution announces a further £55 million for energy storage research. The Faraday Institution announced that it will award up to £55 million to five UK ...

The Translational Energy Research Centre (TERC) at the University of Sheffield has been awarded £711,418 to develop the UK BECCS-MCFC: Next Generation CCUS ...

Bar-Ilan University and the Technion-Israel Institute of Technology said Israel's energy ministry chose them as a new national energy storage research institute.. The institute ...

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The University of Nottingham Energy Institute unites energy research across a range of disciplines, drawing on multidisciplinary expertise across our Faculties of Engineering, Science and Social Science.. An impressive portfolio of ...

A multi-institutional research team led by Georgia Tech's Hailong Chen has developed a new, low-cost cathode that could radically improve lithium-ion batteries (LIBs) -- ...

Dear Colleagues and Friends. 2025 New Energy and Energy Storage System Control Summit Forum (NEESSC 2025) is hosted by Inner Mongolia University of Technology and IEEE ...

Energy Research Institute @ NTU | 3,774 followers on LinkedIn. Energy Smart, Research & Innovation | Energy Research Institute @ NTU (ERI@N) is a vibrant centre-of-excellence in ...

Energy Storage. Associate Research Scientist, Mechanical Engineering. View profile. Singh, Nirala (734) 764-1571. ... Director, University of Michigan Energy Institute ...

The Future Energy Research Institute will cooperate with Shanghai Jiao Tong University to build an innovation platform combining "scientific research innovation" and "talent training," deploy a number of ...

Professor Paul Shearing will lead the new Zero-carbon Energy Research Oxford (ZERO) Institute and bring extensive experience in electrochemical engineering to the University's response to the urgent need ...

Energy Research Institute @ NTU addresses Singapore's sustainability goals and supports global industry in developing solutions in energy efficiency. ... An NTU research team has successfully developed new methods to create a type of ...

Carbon capture and storage. Carbon capture and storage (CCS) is an important component of many initiatives to reduce global GHG emissions. Researchers use a variety of approaches to address questions around CCS from characterising ...

Energy storage, advanced power electronics, multi-energy smart grids, and electromobility are new developments that will shape the needs of future generation of power ...

8c997105-2126-4aab-9350-6cc74b81eae4.jpeg Energy Storage research within the energy initiative is carried out across a number of departments and research groups at the University of Cambridge. There are also national hubs including ...

People. The Energy Institute at the University of Sheffield is home to more than 300 of the best minds in energy research from around the world, dedicated to using transformational research, innovation and

collaboration to address the ...

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