

SIEMENS

MANCHESTER CENTRAL, 12-13 JULY

#Transform2022

Conference Programme

Join Siemens UK and Ireland at Manchester Central on Tuesday 12th and Wednesday 13th July 2022 to take charge of your organisation's transformation.

siemens.co.uk/transform
siemens.ie/transform



What's on at #Transform2022?

At #Transform, you will have the opportunity to experience the latest technology, learn from leading speakers from world-renowned, transformative brands and connect with peers across industries. The Transform Stage will spearhead our two-day agenda with four sessions around *Business Resilience*, *Transforming Industry*, *What's Next in Tech?* and *Transforming Infrastructure*. You will also find two Challenge Zones for in-depth topic discussion, and two technology Theatres with a range of content on the latest tech topics. All sessions are subject to changes.

The Transform Stage

As the largest stage at #Transform2022, the Transform Stage will host four headline topics over the two-day event: *Business Resilience*, *Transforming Industry*, *What's Next in Tech?* and *Transforming Infrastructure*.

Tuesday 12th July, 10.45am-12.15pm

Building Business Resilience

How resilient is your organisation? This session will explore the volatile conditions facing both the public and private sectors, with observations from organisations across industry and infrastructure.

Hosted by Carl Ennis, CEO Siemens UK and Ireland; Keynote by leading economist Lord O'Neill of Gatley; Panel and contributions from organisations including National Grid, Mpac and more.

Tuesday 12th July, 2.00pm-3.30pm

Transforming Industry

How can technology enable British and Irish manufacturers to become more competitive, productive and sustainable?

Hosted by Brian Holliday, MD Siemens Digital Industries UK and Ireland; Keynote by Cedrik Neike, CEO Siemens Digital Industries; Panel and contributions from organisations including BASF, Unilever and more.

Photo: Sir William Siemens House in Manchester, Siemens UK and Ireland HQ, named after Sir William Siemens, who played a central role in founding Siemens in the UK over 170 years ago.



The Transform Stage

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Wednesday 13th July, 10.45am-12.15pm

What's Next in Tech?

Experience the latest cutting-edge innovation and discover the technologies that could transform your organisation. Join this session to hear from those who have implemented tech innovations and see how it's influencing their transformation.

Keynote by Peter Koerte, CTO Siemens, with contributions from organisations including Red Bull Racing and more.

Wednesday 13th July, 2.00pm-3.30pm

Transforming Infrastructure

The race to Net Zero is on and the need to decarbonise our cities, towns, transport networks and the public and private sector has never been more pressing. How can the UK and Ireland's infrastructure become greener, cleaner and more sustainable?

Hosted by Carl Ennis, CEO Siemens UK and Ireland, with contributions from power utilities, higher education and transport operators.



Photo: Manchester Central, #Transform2022 event venue, in the heart of Manchester and accessible by public transport networks.

The Challenge Zones

The Challenge Zones will provide a space for in-depth discussion on trending technology topics in a roundtable-like format. Led by Siemens' experts, these tables will offer an opportunity to share your thoughts with your peers and discover how others are approaching similar challenges.

Tuesday 12th, am

Resources are finite, data is infinite. Food & Beverage must do more with both.

Led by Keith Thornhill, Head of Food and Beverage, Siemens UK and Ireland, with presentations from the Food and Drink Federation and Greggs.

As the challenges in F&B manufacturing become more intense, doing more with less is the only way forward for the good of organisations and the planet. Connected data is driving innovative production, giving greater control and adaptive continuous improvement. Discover more in this session.

Tuesday 12th, am

Making the switch to electric vehicles, exploring the challenges & opportunities

Led by Bernard Magee, Head of eMobility, Siemens UK and Ireland.

The transition to electric vehicles is a major step on the way to a zero-emissions world, but it is not without its challenges. Here we discuss how stakeholders can foresee and tackle these challenges head on, whilst making the most of the new opportunities eMobility presents us with.

Tuesday 12th, am

Digital transformation in Pharma & Life Sciences: Inspiring a culture of collaboration

Led by Andrew Matthews, Head of Pharmaceutical and Life Science, Siemens UK and Ireland.

With a focus on the adoption of digital technology, this session will concentrate on co-creation and strengthening knowledge on technology ecosystems in Pharma and Life Sciences. Following short presentations from two industry leaders on their own digitalisation journeys, the session will also explore change management as companies gradually embrace digitalisation and move from paper to digital.

Tuesday 12th, am

Transforming Machine Building: What does sustainability look like for OEMs?

Led by Rich Fear, Head of OEM, Siemens UK and Ireland.

Reducing waste and maximising efficiency benefits organisations' own operations as well as the planet. Join the Siemens OEM team for an interactive roundtable session to explore what sustainability means to you and what value it brings to your customers. This is to be an exploratory interactive session with the ambition to stimulate your company's sustainability journey.

The Challenge Zones

Tuesday 12th, pm

Cost versus carbon: Breaking the myth to deliver & finance Net Zero in industry

Led by Toby Horne, Ste Jeffers and Steve Barker, Decarbonisation leads, Siemens UK and Ireland.

Meeting Net Zero targets is firmly on the agenda for many businesses. But what does this mean in practice? And what impact does decarbonisation have on your business? Join your peers across industry to discuss the shared challenges of delivering and financing Net Zero, and identify opportunities to accelerate your journey.

Tuesday 12th, pm

What makes your building smart?

Led by Bryan Churchard, Smart Buildings expert, Siemens UK and Ireland.

In any organisation, the term 'Smart Building' can mean different things to different individuals. How do we create a 'Smart Building' which can achieve multiple company objectives and enable you to overcome your estate's challenges? Learn more and discuss with your peers in this session.

Wednesday 13th, am

Cybersecurity: How resilient is industry to the cyber threat?

Led by Paul Hingley and Dale Geach, Cybersecurity leads, Siemens UK and Ireland, with the North West Cyber Resilience Centre.

Cyber attacks are an increasingly common risk to sustainable, safe and profitable business operations across industry. Whether an SME or large multi-national, the threat is ubiquitous and non-discriminatory, driven by nefarious motives to cause as much disruption as possible. This session will present the 'reality' of this cyber threat to our essential services and will discuss what more can be done to strengthen operational resilience.

Wednesday 13th, am

Leading energy transition across the utilities sector: Challenges, issues & opportunities

Led by Ivan Pickering and Joy Aloor, Grid Software leads, Siemens UK and Ireland.

We're facing a range of global energy challenges, which have only accelerated the pace of transition from fossil fuels to renewable generation, in combination with the electrification of infrastructure and industry sectors. How do we ensure grid infrastructure can handle this dramatic transition? In this challenge session, we discuss the scale of the challenge, the opportunities to realise and how digitalisation can support this move.

Wednesday 13th, pm

What does Smart Energy mean to you?

Led by Lynsey Jeffers, Smart Energy lead and Steve Jamieson, Healthcare lead, at Siemens UK and Ireland.

Smart Energy connects to and uses digital technologies to monitor and balance energy needs across a range of assets, providing a reliable and efficient power supply. Join voices across industry, the NHS, higher education and The Civil Service to explore both the benefits and challenges of enabling Smart Energy systems.

The Theatres

The Theatres will host an exciting schedule on the latest technology topics. With sessions on everything from simulation to emobility, the Theatres will provide a hub for any organisations looking to discover the next tech trend, plan their path to Net Zero or hear the transformational stories of businesses that have embraced digitalisation.

Theatre 1, Tuesday 12th, am

Maximising the value of distributed energy resources and low carbon technologies: Improve performance, increase profitability

Higher renewables penetrations and low carbon technologies require better balancing of power supplies and demand - so how can technologies enable a smoother operation of a complex multi-way energy system to reduce emissions and consumer costs? In this session we will look at how the next generation Grid Software platforms support the operation of a complex energy system.

Theatre 1, Tuesday 12th, am

Decarbonisation of heat

Decarbonising heat is key to achieving Net Zero. Learn how, through planning and process, you can deliver zero carbon heat for your organisation.

Theatre 1, Tuesday 12th, pm

Depot Electrification for commercial fleets: Ask the experts

Synopsis to be announced.

Theatre 1, Tuesday 12th, pm

Mastering Grid Diversification: Keeping your supply flexible, reliable and secure

The connection of new and diverse loads and generation sources at the distribution level of our power grids is causing major challenges for grid operators. A safe, secure and sustainable supply of power for consumers is essential, but in the face of diversification of connected generation and loads, we need a fresh approach to monitoring and controlling this critical infrastructure. Data and digital technologies have the power to help us address these challenges and this session will explore how this is being realised in industry today.

Theatre 1, Tuesday 12th, pm

Data is 'Power': Maximise your LV system visibility

Downtimes are expensive and running costs are rising exponentially in today's world. Visualise your LV control & distribution system to increase plant availability via Siemens communication capable devices and enable your key stakeholders to make informed decisions.

Theatre 1, Tuesday 12th, pm

Digital Fire Safety: The tools you need to transform your fire protection

Digitalisation holds the key to an improved interface with your fire system. Compliance is trackable, and the availability of data via Siemens cloud-enabled devices improves availability of system records and more efficient maintenance. Process improvements, from design to project execution, to maintenance, are also delivered. Join this session to transform your fire protection.

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Theatre 2, Tuesday 12th, am

Trusted traceability: Transparency throughout the supply chain

Synopsis to be announced.

Theatre 2, Tuesday 12th, am

Sustainable Chemical manufacturing: Embracing digitalisation to transform

What challenges are Chemical manufacturers facing, and what will surface in the future? Discover how technology can support transformation – with a focus on how digitalisation can enable sustainable manufacturing. Led by Ian Elsby, Head of Chemical, Siemens UK and Ireland, with presentations from the Chemical Industries Association and BASF.

Theatre 2, Tuesday 12th, am

The need for speed: Discover Digital Twin transformation with Sanofi

Through learning about Sanofi's transformative technology journey, discover how partnering with machine manufacturers to realise the benefits of Digital Twins can lead to faster commissioning and reduced time to market for products. Led by Joan Mulvihill, Digitalisation Lead, Siemens UK and Ireland, with Sanofi.

Theatre 2, Tuesday 12th, am

Asset reliability: Sensor to cloud in real-time

'It's never worked for me in the past'. 'Nice idea but too expensive'. Have you ever had these thoughts about condition monitoring? Find out how technology, partnering and user engagement can come together to successfully assess the real-time health of hundreds of assets over multiple sites. Led by Adam Cartwright, Head of IoT Application Delivery, and Carl Pinches, Measurement Intelligence lead, Siemens UK and Ireland.

Theatre 2, Tuesday 12th, pm

How will future network technology drive a digital industry?

Led by Lee Wragg, Global Solutions Enablement Manager, Siemens, with presentation from GSK. Synopsis to be announced.

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Theatre 1, Wednesday 13th, am

Partnering to create a roadmap to Net Zero

Creating and navigating Net Zero pathways through collaboration. Further details to be announced.

Theatre 1, Wednesday 13th, am

Decarbonisation of the Maritime environment

How can we deliver a sustainable reduction in the Maritime sector's carbon footprint? This session will explore how to decarbonise the maritime ecosystem from port to vessel, including both operations further afield, and design and build to operation. Join this session to learn more!

Theatre 1, Wednesday 13th, am

Blue GIS: SF6-free, Clean Air, Gas-insulated Switchgear – 100% sustainable and digital

Working towards a sustainable future calls for innovative, environmentally friendly and digital solutions for the medium-voltage power supply. Join Torsten Schäfer, Global Technical Expert, Siemens, in this session to discover the latest Blue GIS technologies – 100% sustainable and digital!

Theatre 1, Wednesday 13th, pm

Smart Tools for Smart Grids: Mastering the challenges of the changing energy system

Today the grid is becoming increasingly dynamic with the introduction of renewables and low carbon technologies. The grid is under pressure like never before and increasingly complex, data-driven changes to the grid are required more often. This requires time-based planning and digital twin tools to plan and study the behaviour of the system on a near real time basis to achieve smooth power system operations. This session will introduce new ways of power system planning and digital twin concept.

Theatre 1, Wednesday 13th, pm

Getting your site EV-ready: Installing or upgrading EV infrastructure at your location

Synopsis to be announced.

Theatre 1, Wednesday 13th, pm

Using your BMS to create wellbeing: Going beyond energy efficiency

Join our experts to understand how a Building Management System can be used to deliver wellbeing in buildings, without compromising on energy efficiency. Discover the relevant sensing and control elements needed to deliver occupant comfort and wellbeing in a sustainable way.

The Theatres

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Theatre 1, Wednesday 13th, pm

Efficient Control Panel Design with Siemens SIMARIS

Save time and money during Control Panel Design. Join our team to understand how Siemens can assist you with Control Panel Design in accordance with international standards such as IEC and UL. In this session, explore our free online tools to maximise and optimise your Control Panel Design.

Theatre 2, Wednesday 13th, am

Think you know low code? How to extend digital enterprise with Siemens

Synopsis to be announced.

Theatre 2, Wednesday 13th, am

The autonomous factory: Designed by and for people

How will AI increase productivity and improve the jobs of factory workers? Using practical examples, we will show how continuous improvement in production, such as by optimising error detection, leads to increased productivity and a more attractive working environment. Led by Daniel Smalley, Head of Digitalisation, Siemens UK and Ireland with Dr. Matthias Loskyll, Autonomous Factory and Industrial AI Director, Siemens.

Theatre 2, Wednesday 13th, pm

Scaling up manufacturing: Virtual commissioning & simulation

Synopsis to be announced.

Theatre 2, Wednesday 13th, pm

Digital transformation: Enabling growth

What is the secret to digital transformation in industry? Discover Mpac's digitalisation story, including the motivation to change, the selection criteria, the challenges and the success so far, before a look to the future. Led by Daniel Smalley, Head of Digitalisation, Siemens UK and Ireland, with Mpac.

Theatre 2, Wednesday 13th, pm

Environmental compliance: Industrial emissions to air & water

Environmental compliance and the journey to Net Zero are both business critical activities. Join us to discuss the regulatory framework, solutions to ensure compliance and innovations to help prevent pollution. Led by Andy Eady, Harry Turner and Martin Ruck, Technical and Product Managers, Siemens UK and Ireland.

CPD Sessions

Siemens' specialist CPD approved 45-minute tutorials will focus on working with SMART building technologies. With expert advice on innovations, best practice and emerging trends, the seminars are designed to answer the challenges facing today's professionals in the built environment. All CPD sessions will contribute to maintaining professional accreditations.

Tuesday 12th, am

SMART Hospitals

Improving healthcare productivity and optimising building efficiencies.

In this CPD session, you'll learn:

- That by harnessing, collecting and analysing hospital data, your hospital's digital journey will revolutionise the delivery of healthcare.
- How Siemens' technology helps to create environments that understand and adapt to the needs of patients and staff.
- How smart hospitals differentiate themselves from conventional hospitals, through reducing costs without compromising quality of service.
- That hospitals consume c.2.5 times more energy than office buildings, and how the utilisation of real-time data will improve energy efficiency and support decarbonisation goals.
- How to add value with BIM and Digital Twin over the entire lifecycle of the hospital.
- From real examples of smart hospitals.

Tuesday 12th, pm

From Risk to Resilience

How digitalisation now offers SMART security and fire safety.

In this CPD session you'll learn how:

- To protect employees, assets and businesses, safeguard investments and reputation, ensure compliance and increase transparency.
- The digital world is transforming security and fire safety, and the new business models that are arising.
- Moving from on-premises and location-bound environments to fully mobile, cloud-enabled or hybrid applications has affected the latest developments in security and fire safety.
- Deeper integration will deliver improved situational awareness and incident response, plus deliver greater resilience and cybersecurity.
- To leverage AI and video analytics to enhance security, and how smart fire safety solutions deliver operational continuity.
- Organisations are already making changes, through case studies.

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Wednesday 13th, am

Cybersecurity

Key risk indicators and mitigation plans for BMS, fire and security OT systems.

In this CPD session, you'll learn how:

- Cyber threats are evolving in line with digitalisation and SMART technologies
- To maintain business continuity, control cost pressures and achieve regulatory compliance.
- To protect against external incidents as a result of high connectivity, to safeguard against internal misconduct and to understand the evolving threat landscape.
- To manage costs for qualified personnel and for essential security technologies.
- To ensure compliance with reporting requirements, minimum standards and security know-how.
- To use Identify/Protect/Detect/Respond/Recover.
- Applying measures can mitigate vulnerabilities in building systems.

Wednesday 13th, pm

Buildings that Perform

Migrating from traditional to SMART buildings and beyond.

In this CPD session you'll learn:

- How to create a smart, automated environment where the latest technology is delivering a more efficient, productive and healthy place to work.
- The advantages of multi-disciplinary, fully-integrated, smart solutions rooted in safety, connectivity, sustainability, space optimisation and employee empowerment, all backed by workplace analytics to help shape future workplace strategies.
- How to achieve sustainability goals, reduce energy spend, and maximise energy and operational efficiency.
- How to ensure a safe, secure workplace that demonstrates environmental, social and governance (ESG) performance.
- About the latest case studies demonstrating the benefits of transforming to SMART.

The SIEMENS logo is displayed in a bold, white, sans-serif font in the top left corner. The background of the entire page is a dark blue gradient with a complex, abstract pattern of glowing cyan lines and dots, resembling a network or data visualization, that flows from the top right towards the bottom right.

SIEMENS

A vertical cyan bar is positioned to the left of the registration text.

Register now at
[siemens.co.uk/transform](https://www.siemens.co.uk/transform)

We look forward to welcoming you to Manchester Central! If you have any queries regarding registration or the event, please reach out to [siemens.co.uk/transform-contact](https://www.siemens.co.uk/transform-contact).

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