

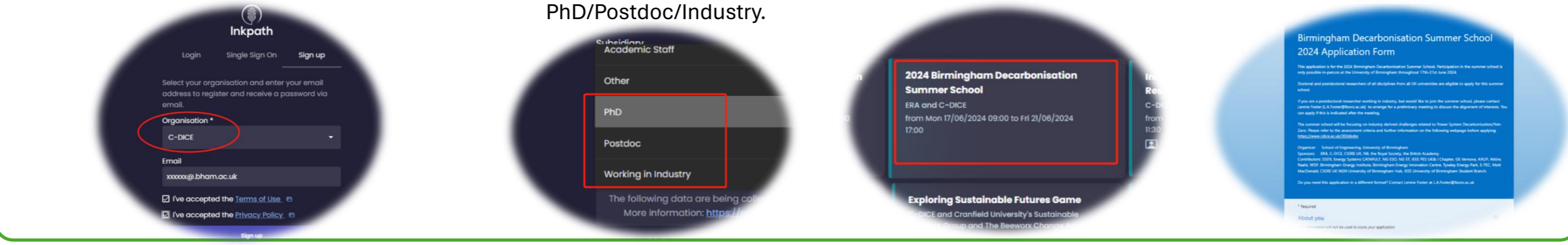
# 2024 Birmingham Decarbonisation Summer School: Accelerating Energy Transition towards Net-Zero (FREE)

17– 21 June 2024, University of Birmingham | Open to ALL UK PhD/Postdocs in Academia and Industry from ALL Net-Zero Related Disciplines

Date	Keynote Speaker	Speaker Title	Topic	
Monday	Dr Inès Tunga	Practice Manager- Renewables, Energy Systems CATAPULT	Integrating the Energy System: Aligning Technologies, Infrastructure, and Policy for Net Zero	
	Prof. Xiaoyao Zhou	Operability Policy Manager, National Grid ESO, Honorary Professor, University of Birmingham.	Zero carbon operation in GB system	
	Dr Bless Kuri	CIGRE UK C1 Regular Member, Head of System Planning and Investment, SSEN, Summer School Lead Industry Partner	Power System Development and Economics & Summer School Challenge	
	Dr Mark Osborne	CIGRE UK B3 Regular Member, Lead Asset Lifecycle Engineer, National Grid Electricity Transmission	Electricity Transmission System Assets in a Net Zero future	
	Mr Eduardo Audiche	Chair, IEEE PES UK&I Chapter, PES R8 Representative & GB member, Automation Director, E-TEC Power Management Ltd.	Power Efficiency & Cutting-Edge Technologies in Hyperscale Data Centres - A Power Management Perspective Using Ignition SCADA System	
	Prof. Xiao-Ping Zhang	Chair in Electrical Power Systems, University of Birmingham, Director of Smart Grid, Birmingham Energy Institute, Co-Director, Birmingham Energy Storage Centre	Energy Quality	
Tuesday	Dr Ibukunolu Oladunjoye	Innovation Engineer, National Grid Electricity Transmission	Power System Net-Zero Solution & Best Practice	
	Mr Carl Barker	Consulting Engineer, GE Vernova	Role of HVDC, HVAC and FACTS in facilitating Energy Transition towards Net-Zero in UK	
	Mr Joe Sumners	Arup Director and Energy & Water Group Leader	Net-Zero Energy Transition Projects by ARUP	
	Early Career Forum	Panel Discussion	Working opportunities in Net-Zero Industry: Challenges and Preparations	
	Prof. Sarah Walker	Professor of Energy and Co-Director of the Birmingham Energy Institute, University of Birmingham	Hydrogen Integration for Accelerated Energy Transitions	
	Prof. Theodoros Arvanitis	Chair in Digital Health Technology and Head of the Department of EESE, University of Birmingham	Team Science	
	Dr Lennie Foster	ERA and C-DICE Skills Manager at Loughborough University.	Why you should embed EDI and inclusive practices in your research and how to go about it	
	Ms Nicola Gittins	Deputy Director, Student Entrepreneurship and Enterprise at University of Birmingham	How to Present a Pitch	
Wednesday	Site Visit		Birmingham Energy Innovation Centre, Tyseley Energy Park	
Thursday	Group Work			
Friday	Dr Sharon Henson	C-DICE Project Manager, Loughborough University;	Pitch Judging Day	<p>Scan me for:</p> <ul style="list-style-type: none"> <li>• More Information</li> <li>• Registration!</li> </ul> <p><a href="http://www.cdice.ac.uk/2024bdss">www.cdice.ac.uk/2024bdss</a></p> 
	Mr Thomas Björk	Chief Technology Officer, Grid System Integration, GE Vernova;		
	Dr Dechao Kong	CEng, FIET, CIGRE UK B4 Regular Member;		
	Dr Bless Kuri	CIGRE UK C1 Regular Member, Head of System Planning and Investment, SSEN, Summer School Lead Industry Partner;		
	Prof. Ray Zhang	Chair of CIGRE UK Technical Committee, Professor, University of Birmingham, Associate Director (Energy), ARUP;		

## Two-Step Registration

Step 1: Sign up Inkpath ([webapp.inkpath.co.uk](http://webapp.inkpath.co.uk)) with "C-DICE" as the organisation. Note: Programme in "Account - About You" must be either: PhD/Postdoc/Industry. Then book onto the Summer School from "Find Activities". Step 2: Fill in the Microsoft Form that will be emailed to you shortly.




Contributors: SSEN, Energy Systems CATAPULT, NG ESO, NG ET, IEEE PES UK& I Chapter, GE Vernova, ARUP, Atkins Realis, WSP, Birmingham Energy Institute, Birmingham Energy Innovation Centre, Tyseley Energy Park, E-TEC, Mott MacDonald, CIGRE UK NGN University of Birmingham Hub, IEEE University of Birmingham Student Branch.