

WEDNESDAY 11 <sup>TH</sup> MAY 2022 – STAGE 1		
TIME SLOT	TITLE	SPEAKERS/ORGANISATIONS
10.00 – 10.20	Price Increase Campaigns: Offsetting inflationary cost increases to protect margins	Dr. Peter Colman, Partner and shareholder - Simon-Kucher & Partners
10.20 – 10.40	The Chemicals Industry: The end of business as usual	David Hughes, CEO - New Normal Consulting
10.40 – 11.00	Innovation for tax savings - Patent Box	Greg Stepney, Partner, EP and UK Patent Attorney - Withers & Rogers
11.00 – 12.00	Chemicals and Cosmetics – a square peg and a round hole? FEATURE SESSION & Q&A – Hosted by British Chemicals Association (BCA), formerly BACS	Session Chair: Dr Nick Dixon, Innospec Ltd, and Chair of BCA Personal Care Group Session speakers: James Dawick, Toxicology and Risk Assessment Manager John Hibbs, Principal – Argus Consulting Clare Liptrot, Global Product Safety and Regulatory Affairs Manager – Croda Europe Ltd
12.00 – 12.20	KEYNOTE – Change is the only constant, what next for the chemical supply chain?’	Tim Doggett, CEO - Chemical Business Association (CBA)
12.20 – 12.40	KEYNOTE: Introducing the ‘British Chemicals Association’ (formerly BACS) - a new name for a new set of challenges	Lisa Kelly - BASF plc and British Chemicals Association (BCA) Chair
12.40 – 13.00	JOINT KEYNOTE: Chemcycling and resource efficiency ... waste to new chemical products with BASF working on improving recyclability and helping to create a circular economy. With the ChemCycling project, BASF is aiming to process pyrolysis oil derived from plastic waste that currently cannot be recycled such as mixed or contaminated plastics.	Dr. Geoff Mackey - Corporate Affairs & Sustainability Director, BASF plc Dr. Darren Budd - Commercial Director, BASF UK & Ireland, BASF plc
13.00 – 14.00	PANEL SESSION The CBA Big Debate - daily feature panel sessions Hosted by the Chemical Business Association What the future might hold for the chemical supply chain?	Panel Host: Elaine McGavin, Regulatory Affairs Specialist - Chemical Business Association  Guest Panellists Tim Doggett, Chief Executive Officer - Chemical Business Association Kate Mingay, Managing Director - Dakram Materials Ltd Sarah Taylor, Managing Director - Grace Overseas Alastair Gardner, Trade Specialist, Chemicals Export & Investment Team - Department for International Trade

WEDNESDAY 11 <sup>TH</sup> MAY 2022 – STAGE 1 - continued		
14.00 – 15.00	UK REACH: What's New in '22! - PANEL SESSION	<p>Panel Host: Neil Hollis, Regulatory Affairs Manager - BASF plc</p> <p>Guest Panellists:</p> <p>Nishma Patel, Policy Director - Chemical Industries Association (CIA)</p> <p>Mel Biring, Global Regulatory Strategies &amp; Advocacy Manager – LUBRIZOL</p> <p>Darren Abrahams, Partner - Steptoe and Johnson LLP</p> <p>Graeme Towell, Senior Project Manager - REACH at KnoellConsult Ltd</p> <p>Ciara Dempsey, Regulatory Affairs Manager - British Coatings Federation</p> <p>Simon Johnson, EU Exit Team: Chemicals and Pesticides – Defra</p>
15.00 – 16.00	<p>An Exporter's Journey - How DIT can assist UK companies to increase their international business</p> <p>FEATURE PANEL SESSION - Hosted by Department for International Trade</p>	<p>Session Host: Ivan Lima, Head of Chemicals, Department for International Trade (DIT)</p> <p>Guest Panellists:</p> <p>Ayça Kiliçli, Senior Trade &amp; Investment Adviser - Department for International Trade, Germany</p> <p>Greg Barton, Managing Director - Surfachem Ltd</p>
16.00 – 16.30	<p>RSC SME Showcase - supporting UK deep tech chemistry, for people and the planet - featuring presentations from Stoli Chem and Barton Blakeley</p> <p>Presentation: Sustainability in chemical manufacturing processes need not be a technological revolution</p> <p>Presentation: Burning CO<sub>2</sub>; Rocket Power for Climate Change</p>	<p>SESSION HOST: Andrew Waterworth, Industry Engagement Manager</p> <p>Nikolay Cherasov - Stoli Chem</p> <p>Sustainability in chemical manufacturing processes need not be a technological revolution</p> <p>Christopher Barton, CEO - Barton Blakeley</p> <p>Burning CO<sub>2</sub>; Rocket Power for Climate Change</p>
16.30 – 16.50	<p>Feature Day 1 Closing Plenary presentation:</p> <p>“Future opportunities and challenges for the chemical sector - the view from BEIS”.</p>	<p>Dr Jo Bray, Deputy Director, Head of Chemicals &amp; Plastics - Department for Business, Energy and Industrial Strategy (BEIS)</p>

WEDNESDAY 11 <sup>TH</sup> MAY 2022 – STAGE 2		
TIME SLOT	TITLE	SPEAKERS/ORGANISATIONS
10.00 – 11.00	FEATURE SESSION/PANEL Q&A – Hosted by BioVale <b>Transitioning to Bio-based Chemical</b> Guest speaker themes: <ul style="list-style-type: none"> <li>• The transition to a bio-based chemical industry</li> <li>• Bio-based chemicals: Research and development at a commercially interesting scale</li> <li>• Driving the change from fossil to green surfactants</li> </ul>	Session Host: <b>Caroline Wilcock</b> , Stakeholder Engagement Manager – BioVale  Guest speakers & themes:  <b>Adrian Higson</b> - Managing Director, NNFFC The transition to a bio-based chemical industry  <b>Helen Shiels</b> - Business Development Manager, Biorenewables Development Centre Bio-based chemicals: Research and development at a commercially interesting scale  <b>Svea Braak</b> - Technical Applications Manager, Clarian Driving the change from fossil to green surfactants
11.00 – 12.00	FEATURE SESSION/Q&A - hosted by Innovate UK <b>“Circular economy - balancing conventional chemistry and the switch to bioresources”</b>	Session Host: Amy Peace Innovation Lead for Circular Economy -Innovate UK  Contributing Speakers/Panellists <b>Sarah Davidson</b> Group Sustainability Coordinator for Global Research and Technology at Croda  <b>Dr Jonathan Wagner</b> Senior Lecturer in Chemical Engineering, Loughborough University, Programme Lead for National Interdisciplinary Centre for Circular Chemical Economy (CircularChem)  <b>Dr Catherine Julia Mort</b> Knowledge Transfer Manager, Industrial Biotechnology (InnovateUK KTN)
12.00 – 12.20	KEYNOTE <b>100 Years in Energy and Beyond</b>	<b>Jeff Parr-May</b> , UK Head Asset Based Contracts, Uniper UK

WEDNESDAY 11 <sup>TH</sup> MAY 2022 – STAGE 2 - continued		
12.30 – 13.00	<p>PANEL SESSION:</p> <p><b>What does emerging environmental policy tell us about the future of chemical regulation?</b></p>	<p>Session Host: Caroline Raine, Technical Director - National Chemical Emergency Centre (NCEC)</p> <p>Panellists:  <b>Chris Hughes</b>, Head of Environmental Chemistry and Toxicology – National Chemical Emergency Centre (NCEC)  <b>Nishma Patel</b>, Policy Director – Chemical Industry Association  <b>Simon Tilling</b>, Partner – Steptoe &amp; Johnson UK LLP  <i>Check website for latest panel updates</i></p>
13.00 – 13.40	<p>FEATURE SESSION (Hosted by Solvents Industry Association)</p> <p><b>How the Solvents Industry is adapting to a greener future</b></p> <p>Guest speaker themes:</p> <ul style="list-style-type: none"> <li>• The Race for Sustainability - Innovations within Sustainable Fuels and Future Applications</li> <li>• Shell Chemicals &amp; Sustainability</li> </ul>	<p>SESSION HOST: <b>Andrew Norman</b>, General Secretary</p> <p>Guest speakers &amp; themes  <b>Luke Goldsmith</b>, Commercial Manager – Coryton Advanced Fuels Ltd  The Race for Sustainability - Innovations within Sustainable Fuels and Future Applications  <b>Dr Elske Leenders</b>, Marketing Manager, Solvents EU – Shell Chemicals &amp; Sustainability</p>
13.40 – 14.00	<p><b>RSC Keynote: Chemistry: a catalyst for change</b></p>	<p>Professor Gill Reid, President-Elect of the Royal Society of Chemistry (2020 - 2022)</p>
14.00 – 15.00	<p>FEATURE SESSION – hosted by IBioIC</p> <p><b>Bioeconomy offers Net Zero solutions for the chemicals supply chain</b></p> <p>Guest speaker themes:</p> <ul style="list-style-type: none"> <li>• Sustainable bio-based manufacturing of industrial products</li> <li>• Engineered Microorganisms for Sustainable Chemical Synthesis</li> <li>• Producing biochemicals that are carbon-neutral &amp; renewable in the UK</li> <li>• Bioresources as a Sustainable Solution to Manufacture Everyday Items</li> <li>• Evaluation of Fish Waste as a Novel Feedstock for the Bio-production of Adipic Acid in Escherichia coli</li> </ul>	<p>Session Host: <b>Dr. Liz Fletcher Director</b> of Business Engagement and Operations, Industrial Biotechnology Innovation Centre (IBioIC)</p> <p>Guest speakers &amp; themes:  <b>Dr. Russell Clarke</b>, Senior Business Engagement Manager - Industrial Biotechnology Innovation Centre (IBioIC)  <b>Dr. Fraser Brown</b>, Head of Chemistry, Ingenza Ltd  Sustainable bio-based manufacturing of industrial products  <b>Dr. Stephen Wallace</b>, UKRI Future Leaders Fellow and Snr Lecturer in Biotechnology - University of Edinburgh  Engineered Microorganisms for Sustainable Chemical Synthesis  <b>Miranda Lindsay-Fynn</b>, Commercial Director of Bio-Sep  Producing biochemicals that are carbon-neutral &amp; renewable in the UK  Bioresources as a Sustainable Solution to Manufacture Everyday Items  <b>Nikos Tsiapis</b>, Research Lead, Impact Solutions Ltd  Evaluation of Fish Waste as a Novel Feedstock for the Bio-production of Adipic Acid in Escherichia coli</p>

WEDNESDAY 11 <sup>TH</sup> MAY 2022 – STAGE 2 - continued		
15.00 – 16.00	FEATURE PANEL SESSION: Hosted by BASA (British Adhesives & Sealants Association)  <b>A Sustainable future for Adhesives and Sealants</b>	Session Moderator: <b>Jim Palmer</b> , BASA Technical Officer  Session speakers/panellists include:  <b>Steve Farnworth</b> , Managing Director – Itac <b>Jenny Barnett</b> , S.H.E.Q Manager – F Ball and Co Ltd <b>Lorna Williams</b> , Executive Officer – British Adhesives & Sealants Association <b>Dr Norman Keane</b> , Director of Innovation - Ingevity <b>David Park</b> , Public Affairs Manager - British Coatings Federation Limited <b>Caroline Raine</b> , Technical Director, Ricardo-AEA and BASA Consultant <b>Geoff Mackey</b> – Corporate Affairs and Sustainability Director - BASF
16.00 – 16.20	AESSEAL NET ZERO & Betterworld Solutions Working together to make a difference for future generations.	<b>Martin Challoner</b> , Head of Marketing, AESSEAL

WEDNESDAY 11 <sup>TH</sup> MAY 2022 – STAGE 3		
TIME SLOT	TITLE	SPEAKERS/ORGANISATIONS
10.00 – 10.15	<b>Formulation Stability: What is it, Why does it fail and What can I do about it?</b>	<b>Dr Jim Bullock</b> , Director - iFormulate Limited
10.15 – 10.30	<b>Polymeric-based drug delivery systems for veterinary use</b>	<b>Shilpa Mistry</b> , Head of Pharma, UK and Ireland, Chemlink Specialities
10.30 – 11.00	<p><b>PROCESS INTENSIFICATION Feature Session</b> (Hosted by Process Intensification Network &amp; PI Group at Newcastle University)</p> <p>Part 1: Introduction to Process Intensification Part 2: Role of Additive Manufacturing (3D Printing) in Facilitating Process Intensification</p>	<p>Joint speakers <b>Prof. Adam Harvey</b> - Professor of Process Intensification, Newcastle University Introduction to Process Intensification</p> <p><b>Dr. Jonathan McDonough</b> - Lecturer - PI Group at Newcastle University Role of Additive Manufacturing (3D Printing) in Facilitating Process Intensification</p>
11.00 – 12.00	<p>FEATURE SESSION &amp; PANEL: Hosted by CPI</p> <p><b>Revolutionising Medicines Manufacturing Takes Serious Collaboration</b> Feature session</p>	<p>Session coordinator: <b>Neil Shedd</b>, Business Development Director, Medicines Manufacturing Innovation Centre at CPI</p> <p>Speakers /Panellists include:</p> <p>CPI Pharma Capability Overview:</p> <ul style="list-style-type: none"> <li>• <b>Sam Neill</b>, Business Development Director - CPI</li> <li>• <b>Caroline Kelly</b>, Head of Technology Strategy - CPI</li> </ul> <p>Medicines Manufacturing Innovation Centre: Grand Challenge Overview</p> <ul style="list-style-type: none"> <li>• <b>Barrie Casey</b>, Grand Challenge Lead - CPI</li> <li>• <b>Dave Berry</b>, Grand Challenge and Digital Strategy Lead - CPI</li> </ul> <p>Panel discussion - hosted by <b>Katie Murray</b>, Technology Director, CPI</p> <p>Panellists include:</p> <ul style="list-style-type: none"> <li>• <b>Barrie Casey</b>, Grand Challenge Lead, CPI</li> <li>• <b>Marcus Cook</b>, Head of Engineering, Exactmer</li> <li>• <b>Terry Reed</b>, Director Business Development, Astra Zeneca</li> </ul>



**WEDNESDAY 11<sup>TH</sup> MAY 2022 – STAGE 3 - continued**

12.00 – 13.00	<p>FEATURE SESSION</p> <p><b>Building a world-class low carbon hydrogen economy – make it, store it, use it....</b></p> <p>Feature NEPIC Hydrogen Panel Discussion</p>	<p>SESSION HOST: <b>Philip Aldridge</b>, Chief Executive Officer, NEPIC</p> <ul style="list-style-type: none"> <li>• <b>Lee Taylor</b>, Senior Business Development Manager at Doosan Babcock</li> <li>• <b>Dave Robson</b>, Hydrogen External Relations Lead, Kellas Midstream</li> <li>• <b>Matthew Wilson</b>, Energy Transition Manager, Navigator Terminals</li> <li>• <b>Daren Smith</b>, Site Director, SABIC UK Petrochemicals Limited</li> </ul>
13.00 – 14.00	<p>LAB 4.0 FEATURE SESSION</p> <p><b>Transitioning of the Chemical Laboratory through Digitalisation</b></p> <p>Hosted by Laboratory News</p> <p>Presentation themes:</p> <ul style="list-style-type: none"> <li>• How AI already impacts many areas of chemistry and how we should 'AI enable' the next generation of chemists (Professor Tim Albrecht)</li> <li>• Driving innovation in UK chemical labs in small and medium enterprises through the adoption of company-wide Industry 4.0 solutions (Iwona Anna Kandpal)</li> <li>• Global enterprise digital transformation initiatives for chemical R&amp;D: Preparing the Ground for AI (Peter Rhodes)</li> </ul>	<p>Session Host: <b>Sarah Lawton</b> Editor - Laboratory News</p> <p>Guest speakers:</p> <p><b>Professor Tim Albrecht</b>, Director of Research &amp; Knowledge Transfer, School of Chemistry, University of Birmingham How AI already impacts many areas of chemistry and how we should 'AI enable' the next generation of chemists</p> <p><b>Iwona Anna Kandpal</b>, Business Change and Technology Adoption Consultant, Made Smarter UK Driving innovation in UK chemical labs in small and medium enterprises through the adoption of company-wide Industry 4.0 solutions</p> <p><b>Peter Rhodes</b>, Digital Transformation for Scientific Research, Dotmatics Global enterprise digital transformation initiatives for chemical R&amp;D: Preparing the Ground for AI</p>
14.00 – 15.00	<p>FEATURE SESSION</p> <p><b>Transport of Dangerous Goods – recent challenges and future advances including electronic dangerous goods</b></p>	<p>Hosted by <b>Caroline Raine</b>, Technical Director at Ricardo with support from industry, government and trade associations</p> <p>Panellists include:</p> <ul style="list-style-type: none"> <li>• <b>Douglas Leech</b>, Technical Director - Chemical Business Association</li> <li>• <b>Terry Harvey</b>, DGSA &amp; Chairman - National Carriage of Dangerous Goods Practitioners Forum</li> <li>• <b>Beth Hewlett</b>, Policy Advisor, DfT</li> <li>• <b>Jason Dearsley</b>, DGSA &amp; Secretary - National Carriage of Dangerous Goods Practitioners Forum</li> <li>• <b>Herman Teering</b>, Managing Director of DGOoffice B.V</li> </ul>

**WEDNESDAY 11<sup>TH</sup> MAY 2022 – STAGE 3 - continued**

<p>15.00 – 16.00</p>	<p>FEATURE PRESENTATIONS &amp; PANEL SESSION – Hosted by CATCH  <b>Resilient Process Industry Skills for the Future</b></p> <p>Presentation themes:</p> <ul style="list-style-type: none"> <li>• Moving to a more diverse organisation - (Tracy Hughes, Prax)</li> <li>• Fabricom’s plans to tackle the short, medium and long-term skills shortage and how this can support clients and other contractors - (Joe Hodgson Engie Fabricom)</li> <li>• Cognitive diversity in teams – Cognitive diversity is the inclusion of people who have different styles of problem-solving and can offer unique perspectives because they think differently - (Jenny Sutcliffe, P66)</li> <li>• Green Skills and job opportunities in the Energy Transition - A perspective from Zero Carbon Humber - (Ian Livingston, Humber Cluster, Equinor)</li> </ul> <p><b>PLUS round-up panel discussion</b></p>	<p>Session Host: <b>David Talbot</b>, CEO, CATCH</p> <p>Featured speakers</p> <ul style="list-style-type: none"> <li>• <b>Tracy Hughes</b>, Operations Manager, Prax</li> <li>• <b>Joe Hodgson</b>, Head of Business Development, Engie Fabricom</li> <li>• <b>Jenny Sutcliffe</b>, Principal Consultant, Regulatory Affairs, P66</li> <li>• <b>Ian Livingston</b>, Project Manager – Humber Cluster, Equinor</li> </ul> <p>PLUS, additionally joining the round-up panel discussion:</p> <ul style="list-style-type: none"> <li>• <b>Ian Nunn</b>, Apprenticeship Programme Manager – Syngenta</li> <li>• <b>Joe Castle</b>, 2nd Year Apprentice – Syngenta</li> <li>• <b>James McIntosh</b>, COO &amp; Director of Skills – CATCH</li> </ul>
<p>16.00 – 16.20</p>	<p><b>Industrial-Scale Manufacture of Metal Organic Frameworks (MOFs) as Solid Sorbents for Energy-Efficient Carbon Capture</b></p>	<p><b>Dr. Selina Ambrose</b>, Technical Manager - Promethean Particles</p>



WEDNESDAY 11 <sup>TH</sup> MAY 2022 – STAGE 4		
TIME SLOT	TITLE	SPEAKERS/ORGANISATIONS
10.30 – 11.00	KEYNOTE SESSION <b>Is Energy Efficiency really your biggest lever to curb CO2 emissions?</b>	<b>Will Leonard</b> , Digital, Innovation and Technology Lead – ABB Energy Industries
11.00 – 12.00	FEATURE SESSION: Digital Catapult-curated discussion session <b>Harness the power of technology to boost your business &amp; operations.</b>	<ul style="list-style-type: none"> <li>Confirmed speakers include:</li> <li><b>Dr David Pugh</b>, Head of Sustainability, Digital Catapult</li> <li><b>Rukmini Prasad</b>, Product and Partnerships Manager - Digital Catapult</li> <li><b>Richard Head</b>, IT Digital Strategy Partner - Johnson Matthey</li> </ul>
12.00 – 12.20	<b>Applied machine learning to accelerate development of formulations and chemical processes</b>	<b>Dr Gareth Conduit</b> , CTO, Intellegens
12.20 – 12.40	<b>Workforce Transformation with Data Science and Analytics</b>	<b>Allison Buenemann</b> , Industry Principal, Seeq Corporation
12.40 – 13.00	<b>The Rise of Private Networks and How Your Organisation Will Benefit</b>	<b>Martin Green</b> , Head of UK Business Development, Cellnex
13.00 – 13.20	<b>TPM: A Foundation of Operational Excellence</b>	<b>Phil Spooner</b> , Partner, S A Partners LLP
13.20 – 13.40	<b>How Plant Process Management in a chemical plant supports the most important 15 minutes of your day</b>	<b>Charles Douthwaite</b> , Business Development, eschbach GmbH
13.40 – 14.00	<b>Process Analytical Technology (PAT) - a Key Component in Your Digitalisation and Industry 4.0 Initiative</b>	<b>Martin Gadsby</b> , CEO, Optimal Industrial Technologies
14.00 – 15.00	FEATURE PANEL: Hosted by GAMBICA - the UK Trade Association for Instrumentation, Control, Automation and Laboratory Technology <b>Driving efficiency and sustainability - Technology is the tool; here's how to use it.</b>	Session Host: <b>Scott Pepper</b> , Sector Head – Process Instrumentation & Control Sector – GAMBICA <ul style="list-style-type: none"> <li>- <b>Chris Snelling</b> - Business Development Manager – Wireless, Endress+Hauser UK</li> <li>- <b>John Skelland</b> - Senior Staff Consultant, KBC (a Yokogawa Company)</li> <li>- <b>Will Brown</b> - IIoT Solutions Architect, Powelectrics Limited</li> <li>- <b>Dan Burbridge</b> – Sales Specialist, Siemens</li> </ul>
15.00 – 15.20	<b>Optimising the costs of UK REACH registrations - lessons learned from EU REACH registrations</b>	<b>Jana Travnickova</b> , Regulatory Queen, REGARTIS
15.20 – 15.40	<b>UK REACH and Data-sharing implications</b>	<b>Pietro Di Tondo</b> , Regulatory Manager, REACHLaw UK
15.40 – 16.00	<b>India's Draft Chemical (Management and Safety) Rules: Know your obligations and start preparing</b>	<b>Shisher Kumra</b> , Executive Director, Global Product Compliance
16.00 – 16.20	<b>Chemical Regulatory Management In China</b>	<b>Dean Winder</b> , Regulatory Consultant – CIRS

THURSDAY 12 <sup>TH</sup> MAY 2022 – STAGE 1		
TIME SLOT	PRESENTATION	SPEAKERS/ ORGANISATIONS
10.00 – 11.00	PANEL SESSION: ‘The CBA Big Debate’ - feature panel session Theme: <b>Attracting future talent for a sustainable chemical supply chain</b>	Hosted by: <b>Josh Leech</b> , Member’s Services Representative – Chemical Business Association (CBA) Guest Panellists: <b>Dr Karen Harvey</b> , Membership Manager, Chemical Business Association <b>Anna Lawrence</b> , Technical Sales – Whitchem <b>Jennifer Cunningham</b> , Business Lead UK & Account Manager - BTC Europe <b>Toby Page</b> , Graduate Account Manager - A-Gas Electronic Materials
11.00 – 12.00	FEATURE SESSION – Hosted by UK Circular Plastics Network (UKCPN) <b>Deconstructing waste polymers: a future source of chemical feedstocks</b>	Session Host: <b>Dr Sally Beken</b> , UK Circular Plastics Network (UKCPN) Confirmed speakers include: <b>Nick Cliffe</b> , Deputy Challenge Director SSPP, UKRI <b>Dr Geoff Brighty</b> , Senior Advisor (Science Policy and Regulation) Mura Technology and ReNew ELP <b>Dr Sally Beken</b> , Fellow IOM3, Knowledge Transfer Manager Polymers, Innovate UK KTN <b>Dr Josephin Holstein</b> , CTO, Evoralis Ltd
12.00 – 12.20	KEYNOTE <b>Chemical Industries Association KEYNOTE presentation</b>	<b>Stephen Elliott</b> , Chief Executive - Chemical Industries Association
12.20 – 12.40	‘ContactCHEM’ Feature Session (Hosted by BCMPPA – The Association for Contract Manufacturing, Packing, Fulfilment & Logistics) <b>The Value of Outsourcing Your Chemical Projects to a Contract Manufacturer</b>	Session Host & Speaker: <b>Rodney Steel</b> , Chief Executive - BCMPPA Guest Speaker: <b>Dr. Adrian J Wiggett</b> , Contract & Toll, Manufacturing Sales Manager – Libra Speciality Chemicals Ltd
12.40 – 13.00	KEYNOTE <b>Quo vadis, European chemical industry? - The Brussels perspective</b>	<b>Dorothee Arns</b> - Director General, Fecc
13.00 – 13.30	PANEL SESSION <b>Sustainability and Emergency Response: How preparedness is greater than just risk management</b>	Hosted by: <b>Craig Thomson</b> , Sales & Client Director –Ricardo Energy & Environment Guest Panellists: <b>Douglas Leech</b> , Technical Director - Chemical Business Association <b>Chris Snowden</b> , Emergency Response Team Manager - National Chemical Emergency Centre (NCEC)

THURSDAY 12 <sup>TH</sup> MAY 2022 – STAGE 1 - continued		
13.30 – 13.45	<b>Post BREXIT regulatory challenges for those supplying Plant Protection Products to the GB market</b>	<b>Murray Smedley</b> - Managing Director - Barkwith Associates Limited
13.45 – 14.00	<b>The Magic Chemicals Tree and other myths: tips on educating policymakers in chemical realities.</b>	<b>Janet Greenwood</b> , Director - TT Environmental Ltd
14.00 – 15.00	<b>PANEL SESSION: UK REACH: What's New in '22!</b> Panel Host: Neil Hollis, Regulatory Affairs Manager - BASF plc	Panel Host: <b>Neil Hollis</b> - Regulatory Affairs Manager - BASF plc Guest Panellists: <b>Douglas Leech</b> , Technical Director - Chemical Business Association <b>Jane Lawson</b> , Senior PSRA Manager - Croda International PLC <b>Chloe Alexander</b> , Trade Campaigner - CHEM Trust <b>Craig Kelly</b> , Director/Senior Consultant - ACRE Consultancy & representing British Chemicals Association (formerly BACS) <b>Simon Tilling</b> , Partner, Steptoe & Johnson UK LLP, UK <b>Dr. Andrew Smith</b> , Regulatory Expert - Health & Safety Executive

THURSDAY 12 <sup>TH</sup> MAY 2022 – STAGE 2		
TIME SLOT	TITLE	SPEAKERS/ORGANISATIONS
10.00 – 10.20	<b>Green Thermal &amp; Clean Molecules: Introducing - The Next Generation of Decarbonised Energy Solutions</b>	<b>Valentin Fontaine</b> , Manager, Sustainability Solutions - ENGIE Impact
10.20 – 10.40	<b>Biosurfactants- revolutionising green sustainable surfactants</b>	<b>Richard Lock</b> , Managing Director - Holiferm ltd
10.40 – 11.00	<b>Lubrication and its impact on Green Chemistry</b>	<b>Jonathan Venditti</b> , Global Market Manager - Chemical Industry - Klüber Lubrication
11.00 – 12.00	FEATURE PANEL <b>RSC Sustainability Panel Session</b> - Hosted by Royal Society of Chemistry	Session Host: <b>Jessica Evans</b> , Membership Recruitment Executive – Industry - Royal Society of Chemistry Featured Panellists: <b>Dr Florence Gschwend</b> - CTO and Co-founder – Lixea <b>Maria Conway</b> - Section Leader II- Wind & Marine & Protective Coatings RD&I – AkzoNobel
12.00 – 12.20	KEYNOTE <b>Bio-Based and Biodegradable Industries Association (BBIA)</b> keynote presentation	<b>David Newman</b> , Managing Director - Bio-Based and Biodegradable Industries Association (BBIA)
12.20 – 12.40	<b>“Changing Chemistry for Good: using waste, non-food biomass to produce sustainable, safer chemicals that replace NMP/DMF at scale with new, short. local, resilient supply-chains.”</b>	<b>Dr Sarah Hickingbottom</b> , General Manager – Circa Group
12.40 – 13.00	KEYNOTE <b>Trade and trade resilience</b> – As a nation the UK has, and is changing its trading relationships, but we need to move to greener feedstocks at an industrial scale without compromising profits and harming the environment.  In an idea world, we would all use plant-based chemicals to create products, but substitute materials bring substitute problems ... never mind the scale of the challenge.	<b>Thomas Birk</b> , Managing Director - BASF UK & Ireland

**THURSDAY 12<sup>TH</sup> MAY 2022 – STAGE 2 - continued**

<p>13.00 – 14.00</p>	<p>FEATURE SESSION: Hosted by Cosmetics Cluster UK <b>How on Earth do you get from source to bottle?</b></p> <p><b>PART ONE:</b> <b>Masterclass presentations: Meeting the needs of cosmetic formulators</b></p> <ul style="list-style-type: none"> <li>• Masterclass: Can certification standards help define natural/sustainable for the cosmetic formulator?</li> <li>• Masterclass: The challenges of sustainable product development and how to overcome them</li> </ul> <p><b>SESSION PART TWO</b> <b>Case studies and panel discussion</b></p> <ul style="list-style-type: none"> <li>• Scale up (Holiferm)</li> <li>• Cream from the Crop – Ingredients crossing the boundaries from food and other divisions into cosmetics (Barentz)</li> <li>• Developing a sustainable biobased ingredient for a cosmetic product (Ineuvo)</li> <li>• Innovative projects with CPI (CPI)</li> </ul>	<p>Session Host: <b>Kirsty Mawhinney</b>, Director CCUK, Sustainability Pillar Lead</p> <p>Masterclass presenters: <b>Judi Beerling</b>, Technical Director – Pertech Associates Ltd Can certification standards help define natural/sustainable for the cosmetic formulator? <b>Lawrence Clarke</b>, Technical Sales Manager – Holiferm The challenges of sustainable product development and how to overcome them Case study and panel discussion - includes: Moderated by Kirsty Mawhinney.</p> <ul style="list-style-type: none"> <li>• <b>Richard Lock</b>, Managing Director – Holiferm (Scale up)</li> <li>• <b>Rachael Davison</b>, Technical Services Manager – Barentz (Cream from the Crop – Ingredients crossing the boundaries from food and other divisions into cosmetics)</li> <li>• <b>Narinder Bains</b>, Director – Ineuvo (Developing a sustainable biobased ingredient for a cosmetic product)</li> <li>• <b>Melanie Geer</b>, Business Development Manager – Formulation – CPI (Innovative projects with CPI)</li> </ul>
<p>14.00 – 15.00</p>	<p>FEATURE SESSION /PANEL – Hosted by British Chemicals Association (BCA) <b>The Future of Surfactants</b></p> <p>Presentation themes:</p> <ul style="list-style-type: none"> <li>• Sourcing deforestation-free sustainable palm oil; a conservationist’s perspective?</li> <li>• The challenges of making carbonaceous chemicals fossil-free</li> <li>• Making polymers more sustainable</li> </ul> <p>Panel Discussion</p>	<p>Session Chair – <b>Dr Matthew Giles</b>, Innospec Ltd and Chair of BCA Surfactants Formulation Group</p> <p>Guest speakers: <b>Catherine Barton</b>, Policy Lead Deforestation-Free Commodities and Regenerative Agriculture - Chester Zoo Sourcing deforestation-free sustainable palm oil; a conservationist’s perspective? <b>Dr. Tony Gough</b>, Director of Innovation for Sustainability - Innospec Ltd The challenges of making carbonaceous chemicals fossil-free <b>Professor Andrew Dove</b>, School of Chemistry - University of Birmingham Making polymers more sustainable</p>



**THURSDAY 12<sup>TH</sup> MAY 2022 – STAGE 3**

TIME SLOT	TITLE	SPEAKERS/ORGANISATIONS
10.00 – 10.15	<b>Boiler house risk assessment considerations</b>	<b>Matthew Walton</b> , Senior Contracts Manager - Bosch Thermotechnology
10.15 – 10.30	<b>Emissions Elimination: Delivering Net Zero</b>	<b>Dave Anderson</b> , Director, Score Group
10.30 – 10.45	<b>The Application of PAT and Knowledge Management. From the Laboratory Through to GMP Manufacturing</b>	<b>Martin Gadsby</b> , CEO, Optimal Industrial Technologies
10.45 – 11.00	<b>Case Study - Integrating Process Safety into the design and build of new plant for production of a key ingredient for a COVID-19 vaccine.</b>	<b>Carolyn Nicholls</b> , Managing Director, RAS Ltd
11.00 – 11.15	<b>Online Raman Spectroscopy for monitoring Chemical Processes</b>	<b>Kevin Fernandes</b> , Process Analytical Sales Engineer, Endress+Hauser Ltd
11.15 – 11.30	<b>Specialty Chemicals - The Growth Target for Listed Chemical Companies</b>	<b>Sam Perry</b> , Head of European Chemicals Research - Credit Suisse
11.30 - 12.00	<b>PROCESS INTENSIFICATION Feature Session</b> (Hosted by Process Intensification Network & PI Group at Newcastle University) Part 1: Introduction to Process Intensification (Prof. Adam Harvey) Part 2: Valorisation of waste (Dr Anh Phan), focus on two cases (1) developing a sustainable and environmentally friendly chemical recycling process to transform mixed/contaminant plastic wastes into precursors/chemicals for plastic circular economy (2) hydrogen production from waste	Joint speakers: <b>Prof. Adam Harvey</b> - Professor of Process Intensification, Newcastle University <b>Dr Anh Phan</b> , Senior Lecturer in Chemical Engineering - Newcastle University
12.00 – 13.00	FEATURE LAB SESSION - hosted by GAMBICA <b>'Meeting your customers' needs for sustainability'</b> In this session, expert members of GAMBICA, the trade association for lab equipment suppliers, will profile solutions already available which will help you to meet your customers' aspirations for sustainability. Presentation themes: <ul style="list-style-type: none"> <li>• The Lean, Green, Profitability Scene (Martyn Fordham)</li> <li>• Sex, drugs and rock n roll (David Martin)</li> <li>• Vibrational spectroscopy in plastic circular economy (Shailesh Kavedra)</li> </ul>	Session Host: <b>Jacqueline Balian</b> - Head of Laboratories Sector, GAMBICA Guest speakers <b>Martyn Fordham</b> , Managing Director, Asynt <b>David Martin</b> , UK Market Manager, BUCHI UK Ltd <b>Shailesh Karavadra</b> , Applications/Business Development Manager EMEA Vibrational Spectroscopy, Thermo Fisher Scientific

THURSDAY 12 <sup>TH</sup> MAY 2022 – STAGE 3 - continued		
13.00 – 14.30	<p>FEATURE 'FLASH TALK' SESSION:  <b>'Innovation in bio-based chemicals' flash talk session</b> - hosted in cooperation with BioVale</p> <ul style="list-style-type: none"> <li>• Addible’s “Solution” to Complex Waste Streams (Addible)</li> <li>• Bio-adhesives of the future (Bindethics)</li> <li>• Pioneering development of biodegradable and thermo-stable base oils for lubricant and chemical industry (Nuspec Oil)</li> <li>• One Step Isolation of APIs – Separation made Simple with Starbons (Starbons)</li> <li>• Converting under-utilised biogenic feedstocks into cost-effective inputs for the renewable chemical industry (Lixea)</li> <li>• Innovative conversion of woody biomass to platform chemicals using ultrasound (Bio-Sep)</li> <li>• Extreme throughput enzyme evolution technology for the bioeconomy (HVB)</li> <li>• MORF: browser-based bioinformatics for biomanufacturing (HVB/MORF)</li> <li>• Production of chemical reference standards from renewable by-products</li> </ul>	<p>Session Host: Dr Anna Zhenova, CEO - Green Rose Chemistry</p> <p>Featured presenters:</p> <ul style="list-style-type: none"> <li>• Fergal Byrne, Co-Founder - Addible</li> <li>• Maria Garcia, CEO - Bindethics</li> <li>• Natalia Stawniak, CEO - Nuspec Oil</li> <li>• Susan Brench, CEO - Starbons</li> <li>• Conor Wilson, Development Manager, LIXEA</li> <li>• Dr. Andrew West, Chief Chemist, Bio-Sep</li> <li>• Gareth Little, HVB Enterprise Fellow</li> <li>• Dr. Joyce Bennett, HVB Enterprise Fellow / Business Manager of MORF</li> <li>• Dr Harriet Berry, HVB Enterprise Fellow and CEO – Natural Compound Solutions (NATCOM)</li> </ul>

THURSDAY 12 <sup>TH</sup> MAY 2022 – STAGE 4		
TIME SLOT	TITLE	SPEAKERS/ORGANISATIONS
10.00 – 11.00	FEATURE PANEL SESSION - HOSTED BY ABB <b>How to build and operate green hydrogen facilities more efficiently and at scale</b> This session will discuss: <ul style="list-style-type: none"> <li>• How to create a repeatable process to build, operate and manage green hydrogen facilities</li> <li>• Green Hydrogen, in a box.... Is that possible?</li> <li>• Designing in digitalisation to enable efficient, adaptable and sustainable operations</li> <li>• Why collaboration across industry is key to the success</li> </ul>	Session to be led by <b>Troy Stewart</b> , Head of UK ABB Energy Industries. Troy will be joined by expert panellists from IBM and Worley. <ul style="list-style-type: none"> <li>• <b>Annet Stones</b>, Business Transformation Consultant, Advisor on Climate Change, Energy Transition, CO2 Technology and Sustainability - Industry Centre of Excellence IBM Consulting</li> <li>• <b>Diana Raine</b>, Hydrogen Advisor - Worley</li> </ul>
11.00 – 12.00	FEATURE SESSION: hosted by CPI <b>Industry 4.0 ... You mean Life 4.0?</b>	Session Host: <b>Peter Knifton</b> , Head of IT – Operational and Scientific – CPI Speakers include: <ul style="list-style-type: none"> <li>• <b>Dr. Dave Berry</b>, Grand Challenge and Digital Strategy Lead (Medicines Manufacture) - CPI</li> <li>• <b>Iwona Anna Kandpal</b>, Industrial Digital Technology Adviser - Made Smarter UK</li> <li>• <b>Dr Alex Cole</b>, Head of Strategic Marketing - CPI</li> </ul>
12.00 – 12.20	<b>Digitisation of processes...making it happen and maximising the value</b>	<b>Christian Oram</b> , Manager, Elisian Limited
12.20 – 12.40	<b>Using an innovation pipeline approach to introduce a self-service, plant data analytics system to the workforce.</b>	<b>Darren Steele</b> , Technical Advisor, IT Vizion, Inc.
12.40 – 13.00	<b>What can 5G do for you?</b>	<b>Simon Parry</b> , CTO, Nokia Enterprise UK & Ireland
13.20 – 13.40	<b>Continuous (flow) chemistry - case studies into improved process throughput, product quality, and sustainability</b>	<b>Dr Nikolay Cherkasov</b> , Founder & Managing Director - Stoli Chem
13.40 – 14.00	<b>“Navigating the UK Innovation Ecosystem” with Innovate UK KTN and CPI</b>	Joint speakers: <b>Dr. Graeme Cruickshank</b> , Chief Technology and Innovation Officer - CPI <b>Debra Jones</b> , Knowledge Transfer Manager, Chemistry – Innovate UK KTN
14.00 – 14.20	<b>Is trying to save energy a waste of energy?</b>	<b>Scott Harding</b> Sales Director & Joint Owner - Woodcock & Wilson Ltd