NIHR
HealthTech Research Centre

RCPCH
Royal College of Paediatrics and Child Health
Leading the way in Children's Health

Paediatrics and Child Health Technology Conference 2026

2-3 December 2026 | In-Person & Online



PROGRAMME

Hosted by

Creating healthier futures
National Centre for Child Health Technology

NHS
Sheffield Children's
NHS Foundation Trust

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Programme

Please note that the programme is subject to change.

DAY ONE		
TIME	**SESSION**	**SPEAKER(S)**
08:00 - 09:00	Registration	
09:00 - 09:20	Welcome	
	"Welcome to the Paediatrics and Child Health Technology conference"	**Prof Paul Dimitri** Director, *NIHR HealthTech Research Centre in Paediatrics and Child Health* **Prof Steve Turner** President, *Royal College of Paediatrics and Child Health*
09:20 - 09:50	Seminar	
	"AI in Paediatric Health – How do we see through all the hype and noise?"	**Prof Andrew Taylor** Director of Innovation, *Great Ormond Street Hospital NHS Foundation Trust*
09:50 - 10:20	Keynote	
	"Do we need humans to make a diagnosis of neurodevelopmental conditions in children and young people?"	**Dr Venkat Reddy** Clinical Lead, *NHS England GIRFT (Getting It Right First Time) CYP Neurodevelopmental Pathways*
10:20 - 10:50	Innovation Journey: "NHS Clinical Entrepreneur Programme"	
	"Innovations emerging from the NHS Clinical Entrepreneur Programme (CEP) and how to join the CEP for those with new ideas"	**Dr Tamsin Holland Brown** Clinical Lead, *NHS Clinical Entrepreneur Programme*
	"It's not just about the tech - how to commercialise your innovation"	**Dr Louise Allen** Consultant Paediatric Ophthalmologist, *Cambridge University Hospitals NHS Trust*
	"My PICU Story with CARE: A mental health support tool for families of seriously ill children"	**Dr Nazima Pathan** Associate Professor in Paediatric Intensive Care, *University of Cambridge*

DAY ONE

TIME	SESSION	SPEAKER(S)
10:50 - 11:20	Break	
	Sponsor Exhibits, Future Innovation Zone, Poster Presentations	
11:20 - 11:35	Spotlight	
	"Child health in England and the implications for research"	**Ms Alexandra Norrish** Managing Director, *Children's Hospital Alliance*
11:35 - 12:05	Seminar	
	"Digital &Us: views from RCPCH &Us"	**Ms Emma Sparrow** Head of Children, Young People and Engagement, *Royal College of Paediatrics & Child Health*
12:05 - 12:45	Seminar (Sponsored by Merck)	
	"Supporting the Journey: Digital Health for Children and Families in Diabetes and Growth Hormone Care"	**Dr Luis Fernandez-Luque** Research Director, *Adhera Health, Spain*
	"From Conversations to Clinical Insights: Using AI to Support Patient Care"	**Dr Paula van Dommelen** Scientist, *The Netherlands Organization for Applied Scientific Research (TNO)*
12:45 - 13:40	Lunch	
	Sponsor Exhibits, Future Innovation Zone, Poster Presentations	
13:40 - 13:45	Welcome	
	"Welcome"	**Dr Tamsin Holland Brown** Clinical Lead, *NHS Clinical Entrepreneur Programme*
13:45 - 14:15	Keynote	
	"TBC"	**TBC**
14:15 - 14:45	Seminar: "Sustainable HealthTech Innovation"	
	"How do we develop HealthTech for people, planet and profit?"	**Mr Harris Slater** Strategic Collaborations Manager, *NIHR HealthTech Research Centre Network*
	"NIHR Net Zero Catalyst"	**Mr Matt Willox** Designer, *Co-Lab 3*

DAY ONE

TIME	SESSION	SPEAKER(S)
14:45 - 15:15	**Abstract Presentations**	
	"Is Virtual Care Safe for Children? Safety Outcomes from a Technology Enabled District General Hospital Paediatric Virtual Ward"	**Dr Yanny Delgado** *Queen Elizabeth Hospital King's Lynn*
	"Sleep in Children with ADHD: Integrating Parent-Reported Sleep, Bedtime Behaviours and Actigraphy-Derived Sleep Outcomes"	**Miss Surabhi Srivastava** *University of Southampton*
	"Closing the Safety Communication Gap Between Clinical Care and Trial Site: Development of a Location-Aware Wearable for Paediatric Oncology Clinical Trials"	**Dr Elizabeth Johnson** *Montana State University*
15:15 - 15:45	**Break**	
	Sponsor Exhibits, Future Innovation Zone, Poster Presentations	
15:45 - 16:30	**Panel Discussion**	
	"TBC"	**TBC**
16:30 - 17:00	**Keynote**	
	"TBC"	**Prof Mark Mon-Williams** Chair in Cognitive Psychology, *University of Leeds*
17:00 - 17:05	**Close**	
	"Close day one"	**Prof Steve Turner** President, *Royal College of Paediatrics and Child Health*
17:15 - 18:45	**Networking**	
	Location: The Library, 10 Leeds Road, S9 3TY	

DAY TWO

TIME	SESSION	SPEAKER(S)
08:30 - 09:00	Registration	
	Sponsor Exhibits, Future Innovation Zone, Poster Presentations	
09:00 - 09:10	Welcome	
	"Welcome to day two"	**Dr Nicole Samuel** Commercial Director, *Sheffield Children's National Centre for Child Health Technology*
09:10 - 09:40	Seminar	
	"Not just a voice: the right to influence" – Reimagining children and young people's involvement in health technology innovation"	**Mrs Jennifer Preston** Patient and Public Involvement and Engagement Executive Lead, *NIHR HealthTech Research Centre in Paediatrics and Child Health*
		Dr Gemma Wheeler Senior Project Manager, *NIHR HealthTech Research Centre in Paediatrics and Child Health*
09:40 - 10:10	Abstract Presentations	
	"Paediatric-Specific AI for Fracture Detection: From Common Wrist Fractures to Complex Monteggia Injuries"	**Dr Kristofer Linton-Reid & Adrian Joseph OBE** *JuveX.AI*
	"The power of standardisation – Adopting the Observations Medical Outcomes Partnership Common Data Model (OMOP CDM) to enable insights from cardiac benchmarking across multiple European paediatric centres"	**Dr Lydia Briggs** *Great Ormond Street Hospital for Children NHS Foundation Trust*
	"SipSmart: Digitising Trial of Fluids for Children in the Emergency Department"	**Dr Teya Cardinal** *Alder Hey Children's Hospital*
10:10 - 10:55	Panel Discussion	
	"TBC"	TBC
10:55 - 11:25	Break	
	Sponsor Exhibits, Future Innovation Zone, Poster Presentations	

DAY TWO

TIME	SESSION	SPEAKER(S)
11:25 - 11:55	**Seminar**	
	"TBC"	**Dr Sarah Bolton** Business Manager, *Centre for Healthcare Equipment and Technology Adoption* **Kate Allan** Director, *ExpHand Prosthetics Ltd*
11:55 - 12:10	**Spotlight**	
	"TBC"	**TBC**
12:10 - 12:50	**Workshop / Technology Demonstration**	
	"TBC"	**TBC**
12:50 - 13:45	**Lunch**	
	Sponsor Exhibits, Future Innovation Zone, Poster Presentations	
13:45 - 13:50	**Welcome**	
	"Welcome"	**Prof Paul Dimitri** Director, *NIHR HealthTech Research Centre in Paediatrics and Child Health*
13:50 - 14:20	**Keynote**	
	"Using clinical and research evidence to develop best practice in online age estimation: a partnership between the RCPCH and Google"	**Dr Claire Lilley** Manager of Responsible AI Testing for Child Safety, *Google*
14:20 - 14:50	**Innovation Journey: "Robotics for Paediatrics and Child Health"**	
	"Intelligent Robots in the Education and Care of Children"	**Prof Alessandro Di Nuovo** Professor of Machine Intelligence, *Sheffield Hallam University*
	"Soft Robotic Technologies for Paediatric Healthcare"	**Dr Dana Damian** Senior Lecturer, *University of Sheffield*
14:50 - 15:20	**Abstract Presentations**	
	"The Development and roll out of a bespoke Psychometric Outcomes Platform within Paediatric Psychology"	**Dr Steve Jones** *Sheffield Children's NHS Foundation Trust*

DAY TWO

TIME	SESSION	SPEAKER(S)
	"Does Forecasting Fit? Understanding the Distributed Work of Childhood Epilepsy Care and Opportunities for Technology"	**Miss Jerusaa Vasikaran** *University of Bristol*
	"Longitudinal co-design of a paediatric wearable medical device: involving children and families throughout product development"	**Prof Annegret Dahlmann-Noor** *Myolight* **Miss Jasmine Noor** *NIHR Moorfields BRC eye-YPAG*
15:20 - 15:50	**Break** Sponsor Exhibits, Future Innovation Zone, Poster Presentations	
15:50 - 16:05	**Spotlight**	
	"AI Youth Council"	**Prof Susan Shelmerdine** Consultant Radiologist. *Great Ormond Street Hospital for Children NHS Foundation Trust* **Dr Qasim Malik** AI Academic Clinical Fellow, BRIGHT Team, *University of Birmingham*
16:05 - 16:35	**Innovation Journey: "Neonatal Health Technologies"**	
	"Developing technologies for unique needs of high-risk newborns"	**Prof Don Sharkey** Professor of Neonatal Medicine & Technologies, *University of Nottingham*
	"Non-invasive monitoring in NICU"	**Prof Kathryn Beardsall** Consultant Neonatologist, *Cambridge University Hospitals NHS Trust*
16:35 - 17:05	**Keynote**	
	"Take the test to the child: reimagining paediatric diagnostics"	**Dr Chris Bird** Deputy Theme Lead for Acute Paediatrics and Infections, *NIHR HealthTech Research Centre in Community Healthcare*
17:05 - 17:15	**Close**	
	"Close conference and announce Innovation Zone and abstract winners"	**Prof Paul Dimitri** Director, *NIHR HealthTech Research Centre in Paediatrics and Child Health*