

# NDAS 2022 - Meeting Programme

**8:45-9:20 Registration**

**9:20-9:30 Welcome Talk by Sinead Rhodes** *Main Room: B1.11-1 /11-2*

**9:30-10:50 Oral Presentations - Session 1 (1a, 1b)**

<b>Session 1a</b> <b>Theme: Co-occurrences</b> <i>Chair: Josie Booth</i> <i>Room: B1.13</i>	<b>Session 1b</b> <b>Theme: Participant's Voices</b> <i>Chair: Tracy Stewart</i> <i>Room: B1.11-1 /11-2</i>
1. Transdiagnostic Profiles of Behaviour and Communication Relate to Academic and Socio-emotional Functioning and Neural White Matter Organisation <i>Presenter: Silvana Mareva</i>	1. Co-Production for a PhD Project: Understanding the Transition to Adolescence in Girls with Neurodevelopmental Conditions <i>Presenter: Ailbhe Mckinney</i>
2. Neuropsychiatric Risk in Children with Intellectual Disability of Genetic Origin: IMAGINE - The UK National Cohort Study <i>Presenter: Jeanne Wolstencroft</i>	2. IMAGINE-ID Personalised Research Reports: Understanding Participant's View of Their Real-World Impact <i>Presenter: Harriet Housby</i>
3. Autism-Related Phenotypes in Genetic Syndromes: A Machine Learning Approach <i>Presenter: Natali Bozhilova</i>	3. In Their Own Words – Using Photovoice to Capture How Children with Intellectual Disabilities are Coping After Covid. <i>Presenter: Grace Khawam</i>
4. The Importance Of Studying Autonomic Arousal and Emotional Regulation in Neurodevelopmental Conditions: Evidence from The SAAND Study and Recent Systematic Reviews and Meta-Analyses <i>Presenter: Alessio Bellato</i>	4. Exploring Social and Sensory Differences In Autistic and Non-Autistic Individuals with Anorexia Nervosa and Their Parents. <i>Presenter: Emy Nimbley</i>

**10:50-11:20 Coffee and Snack Break & Poster Session 1** *Rooms B1.07 / B1.08 /B1.09*

**11:20-12:40 Oral Presentations - Session 2 (2a, 2b)**

<b>Session 2a</b> <b>Theme: Syndromes</b> <i>Chair: Karri Gillespie-Smith</i> <i>Room: B1.13</i>	<b>Session 2b</b> <b>Theme: Interventions and Supports in Schools</b> <i>Chair: Katie Cebula</i> <i>Room: B1.11-1 /11-2</i>
1. The Relationship Between Anxiety and Intolerance of Uncertainty in Cornelia de Lange and Fragile X Syndrome <i>Presenter: Kayla Smith</i>	1. Coproduction of the Edinburgh Psychoeducation Intervention for Children and Young People (EPIC) <i>Presenter: Sinead Rhodes</i>
2. Friendships in Williams Syndrome – Hearing the Voice of Adults with WS <i>Presenter: Ellen Ridley</i>	2. Co-producing Educational Guidelines for Learners with Williams Syndrome with Young Children <i>Presenter: Jo Van Herwegen</i>
3. Neurodevelopmental Profiles of Infants and Toddlers with Down Syndrome, Fragile X Syndrome, and Williams Syndrome	3. An Evaluation of Learning About Neurodiversity at School (LEANS): A New Resource for Teaching about Neurodevelopmental

	Differences and Promoting Acceptance in Mainstream Primary Schools
<i>Presenter: Dean D'Souza</i>	<i>Presenter: Sarah McGeown</i>
4. Cross-sectional and Longitudinal Assessment of Cognitive Development in Williams Syndrome	4. Results from the I-SOCIALISE Study: a Cluster Randomised Controlled Trial Investigating the Social Competence and Isolation of Children with Autism Participating in LEGO® based therapy ('play brick therapy') groups in mainstream school environments
<i>Presenter: Emily Farran</i>	<i>Presenter: Ellen Kingsley</i>

**12:40 – 1:20 Lunch and Poster Session 2**

*Rooms B1.07 / B1.08 / B1.09*

**1:20 – 2:10 Early Career Keynote: Alex Hendry**

*Room: B1.11-1/B1.11-2*

**Title:** "Strengths, difficulties and diversity in the development of attentional control and executive functions amongst children with a family history of autism and/or ADHD"

**2:10- 3:30 Oral Presentations - Session 3 (3a, 3b)**

<b>Session 3a</b>		<b>Session 3b</b>	
<b>Theme: Other Neurodevelopmental Disorders</b>		<b>Theme: Genetics</b>	
<i>Chair: Sinead Rhodes</i>		<i>Chair: Debbie Riby</i>	
<i>Room: B1.13</i>		<i>Room: B1.11-1 /11-2</i>	
1. UK Research Update on Tuberous Sclerosis Complex (TSC): An Exploration of TSC-Associated Neuropsychiatric Disorders (TAND)	<i>Presenter: Stacey Bisell</i>	1. Fragile X Syndrome: A Longitudinal Analysis of Genetic Modifiers and Behavioural Trajectories Over Three-Years	<i>Presenter: Hayley Crawford</i>
2. Distress and Coping in Children with Neurodevelopmental Disabilities and Their Parents during CoVID and Recovery: A Longitudinal Study	<i>Presenter: Karri Gillespie-Smith</i>	2. Face Looking in Young Children with Down Syndrome in the Context of Parent-Child Interaction	<i>Presenter: Hana D'Souza</i>
3. Tonic Pupil Dilation During Sustained Attention in Children with ADHD	<i>Presenter: Ursula Schöllkopf</i>	3. Discovery of 42 Genome-Wide Significant Loci Associated With Dyslexia	<i>Presenter: Michelle Luciano</i>
4. Object Interaction and Sensorimotor Prediction in Children with Developmental Coordination Disorder	<i>Presenter: Gavin Buckingham</i>	4. Sensory Processing in Genetic Syndromes Associated with Autism	<i>Presenter: Harriet Smith</i>

**3:30 – 4:00 Coffee and snack break and poster session 3**

*Rooms: B1.07 / B1.08 / B1.09*

**4:00 – 4:50 Established Career Keynote: Nikki Botting**

*Room: B1.11-1/B1.11-2*

**Title:** "Language, cognition and well-being in atypical children"

**4:50 – 5:00 Remembrance of Oliver Braddick led by Jo Van Herwegen**

*Room: B1.11-1/B1.11-2*

**5:00 – 6:00 Wine reception**

*Level's Cafe*

\*There is a Quiet room (B1.10) for whomever might want to use it throughout the day

**There will be 3 poster rooms in use for each of the 3 poster sessions throughout the day to control distancing and room capacity. See below for information about which posters will be presented in each of the sessions and the room in which they will be displayed.**

\*Presenters are expected to be at their poster during the allotted time session

## **Poster Session 1: 10:50-11:20 am (Tea/coffee break)**

### **Posters 1-18**

#### **Room 1 (B1.07) – Posters 1-6 / 19-24 / 38-43**

1. Investigating Developmental Prosopagnosia across the Lifespan, Judith Lowes
2. Neurodevelopmental conditions & bilingual families: Access to information and support, Bérengère Digard
3. Exploring the concordance of objective and subjective measures of sleep in children with neurodevelopmental disorders: a systematic review and meta-analysis, Rory O'Sullivan
4. Depressive symptoms in ADHD and DCD: The mediating role of executive functioning in adults with single and co-existing diagnoses, Maria Broletti
5. Cognitive predictors of individual differences in children's language acquisition, Ashley Blake
6. Identifying and Knowing about Behaviour (i-KNOW): a study protocol for assessing the feasibility of the i-KNOW programme for individuals at Clinical High Risk for behaviours that challenge. Anna Hamilton

#### **Room 2 (B1.08) – Posters 7-12/ 25-31 / 44-49**

7. Coproduction of the Edinburgh Psychoeducation Intervention for Children and Young People (EPIC): Acceptability and Feasibility Data, Claire Tai
8. Sensory processing in autism and ADHD and its association to attention, anxiety and adaptive functioning. Alokanda, Rudra.
9. Young people's experiences of Fetal Alcohol Spectrum Disorder: a photovoice study, Miranda Eodanable
10. An overview of a feasibility home-based motor control and learning intervention study for young autistic children, Tugce Cetiner
11. Proband traits of ASD and ADHD associate with infant sibling temperament development, Hanna Halkola
12. Assessing vocabulary outcomes in infants with an elevated likelihood of autism spectrum disorder: A comparison of parental report versus researcher administered testing, Zsofia Belteki

#### **Room 3 (B1.09) – Posters 13-18 /32-37 /50-54**

13. Tactile sensitivity: Sex differences and impact on social and interpersonal difficulties in autistic adults, Reece Chan
14. Phenotypic Characteristics and variability in CHARGE Syndrome: A PRISMA Compliant Systematic Review and Meta-Analysis and supporting interview study, Andrea Thomas
15. Visual Attention to Faces and Temporal Frequency: A Prospective Longitudinal Study of Infants with a Family History of Autism and ADHD, Mary Agyapong
16. Tackling the health inequalities experienced by people with a learning disability who are homeless, Dale Metcalfe
17. What is the impact of shielding on children and young people in IMAGINE-ID? Hannah Aissa
18. Screening for gastric pain in people with Neurodevelopmental Disorders and Intellectual Disability, Kelly Wade

## Poster Session 2: 12:40-1:20 pm (Lunch)

### Posters 19-37

#### Room 1 (B1.07) – Posters 1-6 / 19-24 / 38-43

19. All-cause and cause-specific mortality in people with autism spectrum disorder: a systematic review, Laurence Forsyth
20. Interactions between Alterations in Infant Excitation/Inhibition Balance and Executive Attention Predict Autistic Traits in Childhood, Virginia Carter Leno
21. Literacy profiles of Autistic pupils at the start of primary school in a representative Scottish sample, Helen Corby
22. A systematic review and meta-analysis of the prevalence of suicidality in autistic and possibly autistic people without co-occurring intellectual disability, Victoria Newell
23. Sensory processing and eating behaviours in autism: A systematic review, Emy Nimbley
24. Neuronal gating of tactile input and sleep in infants at typical and elevated likelihood for autism spectrum disorder, Anna De Laet

#### Room 2 (B1.08) – Posters 7-12/ 25-31 / 44-49

25. How does visual attention to social and non-social information influence learning and memory for autistic children and adolescents? Gaia Scerif
26. "Autistic kids do get a little lonely": social interactions, friendships, and eye contact in autistic adolescents, Rhys Proud
27. Pain in Autistic Children: Interviews with Child-Parent Dyads, Bethany Donaghy
28. Differential Eye Gaze Cue Processing in Autism Spectrum Disorder, Maximillian Soares Miehlsstein
29. Examining the interaction of autism diagnosis and anxiety on daily functioning through tactile processing sensitivity: A moderated mediation model, Alexandra Mladenovic
30. Sensory hyper- and hypo-reactivity in early infancy may have differential developmental pathways to autism characteristics in childhood, Nisha Narvekar
31. How social value orientation affects stigma towards autistic people, comparing China with the UK, Jiayi Chen

#### Room 3 (B1.09) – Posters 13-18 /32-37 /50-54

32. Social Vulnerability in Children with Autism Spectrum Condition and Wiedemann-Steiner Syndrome, Jess Marshall
33. Autistic Students and Camouflaging in Groupwork: Prevalence and Effects on the Value of Learning, Sophie Kennedy
34. Attitudes Towards Autism: A Comparison of Attitudes and Knowledge Towards Autism Based on Adult Sibling Experiences, Carrie Ballantyne
35. Characterization of Expressive Language Development Using Large-Scale Data in Mandarin-Speaking Children with Autism Spectrum Disorder, Isabella Duan
36. A parent-led intervention to reduce anxiety in autistic children with a severe to profound intellectual disability: current data from the LADDERS pilot feasibility trial, Jessica Hughes
37. Development of a clinical screening instrument for depression symptoms in children and adolescents with autism spectrum disorder, Sinead Rhodes

## Poster Session 3: 3:30-4:00 pm (Tea/coffee break)

Posters 38 - 54

### Room 1 (B1.07) – Posters 1-6 / 19-24 / 38-43

38. Diverse profiles of health conditions in ten genetic syndromes associated with intellectual disability, Remsha Hanif
39. Eye-tracking technology as a tool to evaluate social cognition among individuals with an intellectual disability: a systematic review and meta-analysis, Lauren Jenner
40. The impact of MYT1L-syndrome on behaviour and cognition: a parent/caregiver perspective, Louis Stokes
41. Teaching mathematics to children with Down syndrome and children with Williams syndrome: Parent and teacher views, Unta Taiwo
42. Psychometric Properties of the Clinical Anxiety Screen for People with Severe to Profound Intellectual Disabilities, Jessica Mingins
43. Performance on implicit and explicit false belief tasks in children with Cornelia de Lange and fragile X syndromes, Katherine Ellis

### Room 2 (B1.08) – Posters 7-12/ 25-31 / 44-49

44. Involving adolescents experiencing intellectual disability in the adaptation of self-report health and wellbeing measures, Stephanie Maguire
45. A comparative framework analysis of the experiences of families caring for children with intellectual disabilities during the Covid-19 pandemic in the UK, Jeanne Wolstencroft
46. The prevalence and correlates of self-restraint in individuals with autism and/or intellectual disability: a systematic review and meta-analysis, Katherine Marlow
47. The profile of anxiety in Angelman syndrome, Effie Pearson
48. Exploring relative strengths in individuals with Down's Syndrome: Spatial thinking and its role in mathematics, Katie Gilligan-Lee
49. Delayed cognitive and behavioural development in infants with Tuberous Sclerosis Complex is associated with early epilepsy severity, Natasha Lindsay

### Room 3 (B1.09) – Posters 13-18 /32-37 /50-54

50. The profile of aggressive behaviour in children and adults with SATB2-associated syndrome: Use of an exploratory caregiver interview, Lauren Shelley
51. Williams syndrome: Feeding and eating difficulties during infancy and early childhood, Jo Van Herwegen
52. Examining social vulnerability and its relationship with the cognitive and behavioural profile of Williams syndrome, Ellen Ridley
53. "Everything just stopped unless you kicked down doors to get the support" - Exploring the impact of COVID-19 Pandemic and Lockdown on Parents and Their Children with Intellectual Difficulties, Hope Christie
54. Technology use, independent living and cognitive thinking skills in people with Williams Syndrome, Katie Gilligan-Lee