



Autism and Neuro-Development REsearch Workshop

## « (Ultra) Early intervention in NDD: Understanding development to facilitate functioning »

Cité de la création et de l'innovation MAME, Tours

# Call For Abstracts!

**DEADLINE ON FEBRUARY 20th 2022!**

ANDREW3 is an opportunity for young researchers and professionals to present their work (PhD students, post-docs, medical residents, clinical assistants, young professionals...).

We invite abstracts proposal for this event, with a limit of 250 words, preferentially in English. Up to 50 poster presentations will be selected. 3 of the submissions will be selected for an oral presentation (5-7 min + 3min for questions). Presentations should be in the scope of ANDREW3, within the following thematic: Neurophysiology, Physiopathology, Early development, Innovative intervention.

### Eligibility criteria:

- A preference will be given to proposals from teams that are member of the GIS autism et TND or from one of the national excellency centers for autism and neurodevelopmental disorders. (Research teams wishing to join the GIS Autisme et TND are invited to fill in a participation file as soon as possible : <https://itneuro.aviesan.fr/invitation-a-rejoindre-le-gis-autisme-et-troubles-du-neuro-developpement.html>).
- The presentations should relate to research about NDD, falling under one of the following topics Neurophysiology, Physiopathology, Early development, Innovative intervention.
- Proposals reporting on completed research are preferred, however, proposals for partial research reports will also be considered.
- This call for papers is primarily addressed to young researchers (scientists or clinicians / PhD students, post-doctoral fellows, tenured researchers up to 3 years after their tenure).
- Proposals involving an international scientific research collaboration and/or a concrete participatory research dimension will be particularly appreciated.

**SUBMIT YOUR ABSTRACT NOW!**



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**Registration is free but mandatory. DEADLINE MARCH 1st 2022. REGISTER HERE!**

9h-9h30 : Welcome and Introduction

#### Symposia 1 : Early physiological Neurodevelopment

- **9h30- 10h00** : Learning from babies: How infants understand the visual and affective world - **Laurie Bayet** (USA)
- **10h00- 10h30** : Functional development of the auditory brain networks - **Fabrice WALLOIS** (Amiens)
- **10h30 - 11h00** : Coffee break
- **11h00- 11h30** : Fetal nutritional environment and neurodevelopment: consequences of maternal obesity - **Delphine MITANCHEZ** (Tours)
- **11h30- 12h00** : General Movement Assessment and Motor Optimality Scores as part of Neurodevelopmental Assessment in High-Risk Infants - **Jill HEATHCOCK** (USA/Tours)

**12h00- 12h30** : Oral Sessions by Young Researchers (3 presentations)

**12h30- 13h30** : Lunch break

**13h30- 14h**: Poster session

#### Symposia 2 : What innovations for early intervention?

- **14h00- 14h30**: Neurofeedback in ADHD - **Jérémie MATTOU** (Lyon)
- **14h30- 15h00**: Brain stimulation and NeuroDevelopmental Disorders - **Michael SINIATCHKIN** (Germany)
- **15h00- 15h30** : Bromide salts normalize social and stereotypic behaviors in three mouse models of autism: therapeutic implications - **Julie LE MERRER & Jérôme BECKER** (Tours)
- **15h30- 16h00** : Exploring inter-brain neurofeedback tools for social communication - **Suzanne DIKKER** (USA)

**16h00 – 16h20** : Closing comments