

# 2<sup>nd</sup> Neonatal Sleep Symposium



Virtual Meeting

2<sup>nd</sup>-3<sup>rd</sup> December 2021 13:00-17:00 CET

A two day virtual symposium bringing together interested researchers across the world to share and exchange ideas on all aspects of sleep and the developing brain

## Day One:

### Experimental/Theoretical

- *How the brain organises itself during sleep*
- *Sleep and development of functional neural networks*
- *Sleep classification and ambiguities*
- *Automated sleep classification development*

## Day Two:

### Clinical

- *Sleep classification in the NICU*
- *New ways to measure sleep*
- *Sleep from the nursing/parents perspective*
- *Therapeutic approaches*

The symposium will consist of keynote talks and an opportunity for delegates to present their original and ongoing research with ample time for discussion and virtual networking.

To register for the event please go to:

<https://www.eventbrite.com/e/2nd-virtual-neonatal-sleep-symposium-tickets-187629885037>

If you wish to present your work as a short oral presentation please send a brief abstract (no more than 250 words) to Topun Austin: [ta338@cam.ac.uk](mailto:ta338@cam.ac.uk) by **15<sup>th</sup> November 2021**

### Organisers:

Jeroen Dudink, Utrecht, Netherland  
Sampsa Vanhatalo, Helsinki, Finland  
Topun Austin, Cambridge, UK

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Virtual Meeting – Provisional Programme  
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## DAY ONE Experimental/Theoretical

13.00-13.15 Welcome and Introduction

*Topun, Sampsa & Jeroen*

### **SESSION ONE – How the brain organises itself during sleep**

13.15-13.45 How the brain organises itself during sleep

*Mark Blumberg (USA)*

13.45-14.15 Circadian rhythms and development

*Laura Kervezee (The Netherlands)*

14.15-14.45 The sleeping cerebellum

*Cathrin Canto (The Netherlands)*

14:45-15.15 *discussion/free papers*

15.15-15.30 **Break**

### **SESSION TWO – Sleep classification**

15.30-16.00 Conceptual issues with sleep classification

*Sampsa Vanhatalo (Finland)*

16.00-16.30 Automated sleep classification

*Maarten de Vos (Belgium)*

16.30-17.00 *discussion/free papers*

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## DAY TWO Experimental/Theoretical

13.00-13.10 Welcome and Introduction

*Topun, Sampsa & Jeroen*

### **SESSION THREE – Sleep classification in the NICU**

13.10-13.30 Behavioural scores

*Jeroen Dudink (The Netherlands)*

13.30-13.50 *discussion/free papers*

### **SESSION FOUR – New ways to measure sleep in the NICU**

13:50-14.10 Unobtrusive methods

**TBC**

14.10-14.30 Novel methods

*Sampsa Vanhatalo (Finland)*

14.30-14.40 *discussion/free papers*

14.40-15.00 **Break**

### **SESSION FIVE – Sleep from a nursing perspective**

15.00-15.20 Parental perspective

*Cambridge Team*

15.20-15.40 Nurses perspective

**TBC**

15.40-15.50 *discussion/free papers*

### **SESSION SIX – Therapeutic approaches**

15.50-16.10 Neonatal period

*Jeroen Dudink (The Netherlands)*

16.10-16.30 Infant period

*Juulia Paavonen (Finland)*

16.30--16.40 *discussion/free papers*

16:40-17:00 *round table – collaborations & grants*

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