

*The International Pediatric Sleep Association presents
the 6th congress of the International Pediatric Sleep Association*

ipsa ONLINE FEBRUARY 5-6 • 2021

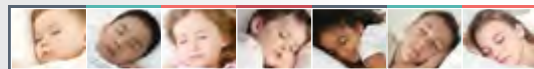
65
HOURS

*65 Hours of
Scientific Content
in Program*

- 2 KEYNOTES
- 24 SYMPOSIA
- 4 COURSES
- 2 SPECIAL WORKSHOPS
- 31 ORAL ABSTRACTS
- 59 POSTER ABSTRACTS
- BREAK OUT DISCUSSIONS



ipsa
international pediatric
sleep association



www.pedsleep.org

Scientific Program

Welcome to IPSA Online 2021

On behalf of the organizing committee, thank you for participating in the 6th International Pediatric Sleep Association (IPSA) Congress, being held virtually on **February 5-6, 2021**.

This bi-annual congress serves as a premier event on the pediatric sleep medicine international calendar. Clinicians, basic scientists and clinical investigators, educators, sleep health advocates, and public policy makers from around the globe will come together to present the latest cutting-edge research, explore innovative solutions to current challenges, and provide an unparalleled opportunity for international collaboration in the field of pediatric sleep.

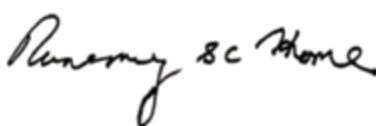
Scientific content will be released around the clock to reach a broad international audience. **All sessions will be available to view on demand until June 1, 2021.**

We hope you enjoy the congress and take advantage of the networking opportunities provided by IPSA's virtual meeting platform.

Best regards,



Judy Owens
President, IPSA



Rosemary Horne
Chair of Congress, IPSA

CHAIR OF CONGRESS

Rosemary Horne (Australia)

IPSA BOARD

President | Judy Owens (United States)
Past President | Oliviero Bruni (Italy)
Secretary | Rosemary Horne (Australia)
Vice President | Patricia Franco (France)
Director | Teresa Paiva (Portugal)
Director | Paul Gringras (United Kingdom)
Director | Patricio Peirano (Chile)
Director | Yu-Shu Huang (Taiwan)
Director | Rosana Alves (Brazil)
Director | Ronald Chervin (United States)

IPSA PROGRAM COMMITTEE

Saadoun Bin-Hasan (Kuwait)
Sarah Blunden (Australia)
Oliviero Bruni (Italy)
Jasneek Chawla (Australia)
Ronald Chervin (United States)
Scott Coussens (Australia)
Dawn Elder (New Zealand)
Patricia Franco (France)
Honey Heussler (Australia)
Rosemary Horne (Australia)
Albert Martin Li (Hong Kong)
Kurt Lushington (Australia)
Oluwatosin Olorunmoteni (Nigeria)
Judy Owens (United States)
Amanda Richdale (Australia)
Colin Sullivan (Australia)
Guanghai Wang (China)
Karen Waters (Australia)



ABOUT IPSA

The International Pediatric Sleep Association (IPSA) operates exclusively for scientific and educational purposes pertaining to pediatric sleep research.

MISSION

- To promote basic and applied research in all areas of sleep in infants, children and adolescents
- To promote teaching programs on pediatric sleep, and the coordination of these programs among individual members and societies
- To hold scientific meetings
- To provide information to the public about perspectives and applications of pediatric sleep research
- To increase the knowledge of pediatric sleep problems and their consequences
- To provide a forum for the exchange of information pertaining to pediatric sleep research
- To establish and maintain standards of reporting and classifying data in the field of pediatric sleep research

IPSA MEMBERSHIP BENEFITS

- Discounted rates to attend IPSA ONLINE 2021
- Complementary online and app access to *Sleep Medicine* journal
- Inclusion in and access to the IPSA online member directory
- Eligibility to participate and vote in IPSA general assembly meetings
- Eligibility to serve on IPSA committees

2021 MEMBERSHIP RATES

New and renewed memberships run for one calendar year. Below are rates for individual members in US Dollars, current until December 31, 2021.

Regular Membership \$25
Student Membership \$15

For more information on membership levels visit pedsleep.org.

Table of Contents

4	<i>General Information</i>
5	<i>Schedule at a Glance</i>
7	<i>Keynote Speakers</i>
8	<i>In Memoriam</i>
9	<i>Virtual Courses</i>
13	<i>Special Workshop</i>
14	<i>Simulated Live Symposia</i> FRIDAY, FEBRUARY 5, 2021
16	<i>On Demand Symposia</i>
20	<i>Simulated Live Symposia</i> SATURDAY, FEBRUARY 6, 2021
22	<i>Oral Abstracts</i>
24	<i>Poster Abstracts</i>

**65
HOURS**

*of Scientific
Content in
Program*

- 2 KEYNOTES
- 24 SYMPOSIA
- 4 COURSES
- 2 SPECIAL WORKSHOPS
- 31 ORAL ABSTRACTS
- 59 POSTER ABSTRACTS
- BREAK OUT DISCUSSIONS

General Information

REGISTRATION

Register at pedsleep.org/Register-to-Attend

ACCESS TO VIRTUAL MEETING PLATFORM

You will receive an email from InEvent, the virtual meeting platform for IPSA ONLINE 2021. The email will contain a unique link that you will use to access the meeting. Please save the email as you will use the same link each time you access the virtual meeting. You may also want to bookmark InEvent to allow you quick access to the platform.

TIME ZONE

All times listed in the scientific program are in Coordinated Universal Coordinated Time (UTC). Once you log in to the virtual platform, the session start times will be posted in your local time zone.

The below map does not reflect an exact time conversion. A detailed UTC map can be viewed online at timeanddate.com.



REGISTRATION, SCIENTIFIC CONTENT & EXHIBITOR & SPONSOR QUESTIONS

Angie Granum | secretary@pedsleep.org

INTERNATIONAL PEDIATRIC SLEEP ASSOCIATION

+1-507-316-0084

info@pedsleep.org

pedsleep.org

VIRTUAL HELP DESK

A virtual help desk will be available at the following times:

- February 5 from 4:00pm to 6:00pm
- February 6 from 1:15pm to 3:15pm

ZOOM LINK

<https://us02web.zoom.us/j/82429291294?pwd=TG5rbFVrSXVjbERQekRRZ3MvMDNFQT09>

Outside of the above hours, email info@pedsleep.org for assistance.

ABSTRACT DISSEMINATION

Accepted abstracts will be published on IPSA's website (pedsleep.org) as part of the congress proceedings.

CERTIFICATE OF ATTENDANCE (COA)

To receive an official COA for IPSA ONLINE 2021, please email info@pedsleep.org.

CME STATEMENT

The AAFP has reviewed IPSA ONLINE 2021 and deemed it acceptable for up to 26.00 Online Only, Live AAFP Prescribed credit. Term of Approval is from 02/05/2021 to 02/06/2021. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

SESSION EVALUATIONS

Your feedback is important to us and will be used for planning future programming. Please complete session evaluation forms that will be sent via email following the meeting.

Schedule at a Glance

All times listed in scientific program are in Coordinated Universal Time (UTC). A detailed UTC map can be viewed online at timeanddate.com. Program Start Time by Time Zone and Color-Coded by Date. Upon logging in to the virtual event platform, dates and start times will be posted in your local time zone.

	FRIDAY, FEBRUARY 5, 2021			SATURDAY, FEBRUARY 6, 2021	
	UTC (-8)	UTC (- 5)	UTC (0)	UTC (+8)	UTC (+11)
SESSION TITLE	San Francisco	New York City	London	Hong Kong	Sydney
LIVE Welcome	9:00am	12:00pm	5:00pm	1:00am	4:00am
LIVE Oral Abstracts Session 1	9:30am	12:30pm	5:30pm	1:30am	4:30am
LIVE Oral Abstracts Session 2	9:30am	12:30pm	5:30pm	1:30am	4:30am
LIVE Special Workshop	10:00am	1:00pm	6:00pm	2:00am	5:00am
LIVE Poster Abstracts Session 1	10:45am	1:45pm	6:45pm	2:45am	5:45am
LIVE S01	11:15am	2:15pm	7:15pm	3:15am	6:15am
LIVE Poster Abstracts Session 2	12:45pm	3:45pm	8:45pm	4:45am	7:45am
LIVE Poster Abstracts Session 3	12:45pm	3:45pm	8:45pm	4:45am	7:45am
LIVE S02	1:00pm	4:00 pm	9:00 pm	5:00am	8:00am
LIVE S03	1:00pm	4:00pm	9:00pm	5:00am	8:00am
LIVE S04	2:45pm	5:45pm	10:45pm	6:45am	9:45am
LIVE S05	2:45pm	5:45pm	10:45pm	6:45am	9:45am
LIVE Keynote by Beth Malow	4:30pm	7:30pm	12:30am	8:30am	11:30am
On Demand Symposia OD1	5:45pm	8:45pm	1:45am	9:45am	12:45pm
* LIVE Q&A Breakout Room for OD1	7:30pm	10:30pm	3:30am	11:30am	2:30pm
On Demand Symposia OD2	5:45pm	8:45pm	1:45am	9:45am	12:45pm
On Demand Symposia OD3	5:45pm	8:45pm	1:45am	9:45am	12:45pm
* LIVE Q&A Breakout Room for OD3	7:15pm	10:15pm	3:15am	11:15am	10:15pm
On Demand Symposia OD4	7:30pm	10:30pm	3:30am	11:30am	2:30pm
On Demand Symposia OD5	9:15pm	12:15am	5:15am	1:15pm	4:15pm
On Demand Symposia OD6	9:15pm	12:15am	5:15am	1:15pm	4:15pm
On Demand Symposia OD7	11:00pm	2:00am	7:00am	3:00pm	6:00pm
* LIVE Q&A Breakout Room for OD7	12:15am	3:15am	8:15am	4:15pm	7:15pm
On Demand Symposia OD8	12:45am	3:45am	8:45am	4:45pm	7:45pm

Continued on next page

Schedule at a Glance continued

All times listed in scientific program are in Coordinated Universal Time (UTC). A detailed UTC map can be viewed online at timeanddate.com. Program Start Time by Time Zone and Color-Coded by Date. Upon logging in to the virtual event platform, dates and start times will be posted in your local time zone.

	SATURDAY, FEBRUARY 6, 2021			SUNDAY, FEBRUARY 7, 2021	
	UTC (-8)	UTC (- 5)	UTC (0)	UTC (+8)	UTC (+11)
SESSION TITLE	San Francisco	New York City	London	Hong Kong	Sydney
On Demand Symposia OD9	2:30am	5:30am	10:30am	6:30pm	9:30pm
On Demand Symposia OD10	4:15am	7:15am	12:15pm	8:15pm	11:15pm
* LIVE Q&A Breakout Room for OD10	6:00am	9:00am	2:00pm	10:00pm	1:00am
On Demand Symposia OD11	4:15am	7:15am	12:15pm	8:15pm	11:15pm
On Demand Symposia OD12	4:15am	7:15am	12:15pm	8:15pm	11:15pm
LIVE Oral Abstracts Session 3	6:15am	9:15am	2:15pm	10:15pm	1:15am
LIVE Oral Abstracts Session 4	6:15am	9:15am	2:15pm	10:15pm	1:15am
LIVE Poster Abstracts Session 4	6:15am	9:15am	2:15pm	10:15pm	1:15am
* LIVE Q&A Breakout Room for OD12	6:30am	9:30am	2:30pm	10:30pm	1:30am
LIVE Special Workshop	7:00am	10:00am	3:00pm	11:00pm	2:00am
LIVE S06	8:00am	11:00am	4:00pm	12:00am	3:00am
LIVE Poster Abstracts Session 5	9:30am	12:30pm	5:30pm	1:30am	4:30am
LIVE S07	9:45am	12:45pm	5:45pm	1:45am	4:45am
LIVE S08	9:45am	12:45pm	5:45pm	1:45am	4:45am
* LIVE Q&A Breakout Room for OD9	10:00am	1:00pm	6:00pm	2:00am	5:00am
LIVE S09	11:30am	2:30pm	7:30pm	3:30am	6:30am
LIVE S010	11:30am	2:30pm	7:30pm	3:30am	6:30am
LIVE S011	1:15pm	4:15pm	9:15pm	5:15am	8:15am
LIVE S012	1:15pm	4:15pm	9:15pm	5:15am	8:15am
LIVE Keynote by Albert Martin Li	3:00pm	6:00pm	11:00pm	7:00am	10:00am
LIVE Annual General Meeting	4:00pm	7:00pm	12:00am	8:00am	11:00am

Keynote Speakers

All times listed in scientific program are in Coordinated Universal Time (UTC). A detailed UTC map can be viewed online at timeanddate.com.

SATURDAY, FEBRUARY 6, 2021

12:30am – 1:30am UTC | Chair: Amanda Richdale (Australia)



BETH MALOW, MD, MS (*United States*)

Vanderbilt University Medical Center

Developmental disabilities and sleep: Interrelationships, impact, and new directions

SUMMARY

Dr. Malow will review the causes and contributors to sleep problems in individuals with developmental disabilities across the lifespan. She will also discuss how sleep problems contribute to quality of life and family functioning, and how treatments—both behavioral and pharmacological—can have beneficial impacts on these populations. Future directions for research in sleep and developmental disabilities will also be addressed.

SATURDAY, FEBRUARY 6, 2021

11:00pm – 12:00am UTC | Chair: Rosemary Horne (Australia)



ALBERT MARTIN LI, MD, MB ChB, FRCPCH (*Hong Kong*)

Chinese University of Hong Kong

Natural progression of obstructive sleep apnea (OSA): Does baseline disease status predict adulthood cardiovascular outcomes?

SUMMARY

Dr. Li will emphasize on the importance of maintaining good cardiac health in children. He will review the current cross-sectional and longitudinal evidence linking childhood obstructive sleep apnoea (OSA) with cardiovascular abnormality focusing on blood pressure. Research gaps in this important aspect of childhood OSA will also be discussed.

In Memoriam

CHRISTIAN “CG” GUILLEMINAULT (1938-2019)



IPSA ONLINE 2021 is the first pediatric sleep meeting since the passing of Dr. Christian Guillemineault (“CG” as he was known by colleagues). Dr. Guillemineault died peacefully at the age of 80 on July 9, 2019 from complications due to metastatic prostate cancer. His wife, Priscilla Grevert was by his side and his two sons, Eric Guillemineault (Scottsdale, Arizona) and Damian Guillemineault (Paris, France) were with him in his final weeks.

Dr. Guillemineault is famous for his involvement in the first classification and identification of sleep disorders. His groundbreaking research in the areas of sleep apnea, pediatric sleep disorders and narcolepsy made him a leader in the field of sleep medicine and research. It was his life’s mission to develop and bring awareness of this new field—the creation of sleep medicine.

Dedicating his life to advancing the science and clinical practices of treating sleep apnea and sleep related conditions, Dr. Guillemineault touched the lives of patients and colleagues, and remains a pioneer in the field of sleep medicine worldwide. Throughout his career, Dr. Guillemineault mentored hundreds of physicians and scientists.

“CG guided and developed the careers of countless health professionals, not only in medicine, but in dentistry and other allied health professions. The world knows CG for his visionary brilliance, but it was his commitment to caring for his patients that was his impetus. He continually advocated for patients, with his plea, ‘We must see the children and we must treat them.’”
- Dr. Stacey Quo (United States)

“CG dedicated his life to sleep medicine. Once he told me ‘I will work until my death,’ and so he did. He was one of the pioneers who fought for the creation of a society with a main mission to educate sleep physicians worldwide. He envisioned that day would come; he lived to watch it. His dreams came true, and the dreams of many others.”
- Dr. Dalva Poyares (Brazil)

“He was not only one of the greatest scientists in our field, but an inspiring figure for all sleep researchers all over the world. I remember CG not only as a scientist, but as a guide for my first steps in the field, as I met him at the School of Sleep Medicine in Stanford in 1992 for the first time.”
- Dr. Oliviero Bruni (Italy)

Visit worldsleepsociety.org/cg for additional comments and memories about CG from his colleagues in the sleep community.



Virtual Course Overview

COURSE 01 | SLEEP AND VENTILATION IN CHILDREN WITH NEURODISABILITY

Full Day (Duration of 6 hours).....\$95

Chair: Jasneek Chawla (Australia)

The importance of managing sleep in children with disability is increasingly recognized by pediatric sleep specialists. This short course provides an overview of this topic and the challenges involved for this population. The course is divided into two components and participants will have the option to register for either a full day or half-day option.

The first half of the day will provide an update in key areas that are relevant to the management of sleep in children with disability. This will include an overview of new advances in the area as well as a review of the literature by experts in the field, covering sleep in specific sub-populations such as children with autism and Down syndrome. There will also be sessions on pharmacological and non-pharmacological treatment strategies for sleep difficulties, focusing particularly on approaches to management in children with complex disability.

The second half of the course will introduce the specific considerations when undertaking non-invasive ventilation in children with disability. There will be workshops on key areas such as interface choice, ventilation strategies as well as discussion of the practical aspects of initiating and titrating therapy in this group of children. Experienced clinicians will also discuss the relationship between improved sleep and overall outcomes for children with disability and the strategies to consider when NIV therapy cannot be established.

Throughout the course clinical cases will be used to illustrate key points and practical workshops will support the learning of essential topics.

** **NOTE** Courses can be purchased as part of a bundle package with congress registration for reduced cost*

PRESENTATIONS

The complexities of sleep problems in children with neurodisability

Elaine Chan (United Kingdom)

Genomics of sleep in children with neurodisability

Honey Heussler (Australia)

Sleep in Prader Willi Syndrome: What's new?

Francois Abel (United Kingdom)

Sleep in down syndrome: What's new?

Cathy Hill (United Kingdom)

Sleep in autism: What's new?

Emma Sciberras (Australia)

Pharmacological interventions for children and young people with sleep disorders and neurodisability

Paul Gringras (United Kingdom)

Tackling behaviour/personality to improve sleep in children with disability

Honey Heussler (Australia)

Ventilation: Considerations in children with complex disability

Moya Vandeleur (Australia)

Mask fit and desensitisation

Joanna Maclean (Canada)

Choosing the right machine and risk minimisation

Sadasivam Suresh (Australia)

Initiating and titrating ventilation in children with disability

Karen Waters (Australia)

Improving Sleep in Disability: Does it improve outcomes?

Jasneek Chawla (Australia)

Alternative options to NIV in children with disability

David Kilner (Australia)

COURSE LAUNCH
FRIDAY, JANUARY 15, 2021

AVAILABLE ON DEMAND
THROUGH JUNE 1, 2021

Virtual Course Overview

COURSE 02 | ESTABLISHING A PEDIATRIC SLEEP PROGRAM

Full Day (Duration of 5 hours).....\$95

Chair: Judith Owens (United States)

This full-day workshop will outline the key considerations in establishing a new pediatric sleep medicine program or expanding an existing service. The focus will be on practical solutions to clinical, logistical, and administrative challenges, particularly in resource-poor areas and those in which pediatric sleep medicine is not yet well-established. Presenters will include pediatric sleep practitioners with extensive clinical experience in neurology, pulmonary, developmental medicine and behavioral medicine, sleep technology and administration. Real world case examples from a variety of global locations will be presented.

** **NOTE** Courses can be purchased as part of a bundle package with congress registration for reduced cost*

PRESENTATIONS

Welcome and overview

Judith Owens (United States)

Setting Up a pediatric sleep lab

Albert Martin Li (Hong Kong) and
Umakanth Katwa (United States)

Case example

Saadoun Bin-Hasan (Kuwait)

Sleep technologist issues and scoring

Patrick Sorensen (United States)

Establishing a clinical service

Judith Owens (United States)

Case example: Mongolia

Yasunori Oka (Japan)

Case example: Nigeria

Oluwatosin Olorunmoteni (Nigeria)

Administrative and budgetary issues

Margot Davey (Australia)

The role of behavioral sleep medicine

Eric Zhou (United States)

Getting started in clinical research

Lisa Meltzer (United States)

Case example: China

Guanghai Wang (China)

Teaching and training issues

Maida Chen (United States)

Diversity and health disparities

Lourdes Del Rosso (United States)

Working with Special populations and collaboration with other subspecialties

Beth Malow (United States)

Virtual Course Overview

COURSE 03 | MOVEMENT DISORDERS AND PARASOMNIAS/EPILEPSY

Half Day (Duration of 3.5 hours).....\$50

Chair: Oliviero Bruni (Italy)

This half day course will provide a comprehensive review of key features of pediatric sleep medicine related to the diagnosis and differential diagnosis of the most frequent movement disorders during sleep, namely NREM sleep parasomnia (sleepwalking, nocturnal terrors, confusional arousal), restless legs syndrome, periodic leg movements in sleep, restless sleep disorder, hyper-motor insomnia and sleep hyper-motor epilepsy. The course will also illustrate the complexity in differential diagnosis from benign sleep disorders (parasomnias, restless legs syndrome) and epilepsy.

The course will be enriched by case presentations and video presentations to illustrate the clinical and polysomnographic features of these sleep disorders and their mimics.

PRESENTATIONS

Disorders of arousal

Honey Huessler (Australia)

Nocturnal seizures: Sleep hypermotor epilepsy

Daniela Pennaroli (France)

Parasomnias and epilepsy: The hidden link

Magda Lahorgue Nunes (Brazil)

RLS: Diagnosis, clinical aspects and therapy

Rosalina Silvestri (Italy)

Restless sleep disorder

Lourdes Del Rosso (United States)

Insomnia with hypermotor behavior

Oliviero Bruni (Italy)

Rhythmic movement disorder

Cathy Hill (United Kingdom)

COURSE 04 | YEAR IN REVIEW: UPDATE ON PEDIATRIC SLEEP RESEARCH

Half Day (Duration of 3 hours).....\$50

Chair: Rosemary Horne (Australia)

This half day workshop will be presented by leading researchers in the field of pediatric sleep research and will cover the latest research in sleep problems during infancy, childhood and adolescence. Topics will include behavioral sleep problems, sleep disordered breathing, insomnia, narcolepsy, movement disorders and the effects of sleep disruption.

PRESENTATIONS

Sleep in infancy and early childhood

Dawn Elder (New Zealand)

Sleep problems in adolescence

Michael Gradisar (Australia)

New research into the causes and consequences of childhood OSA

Albert Li (Hong Kong)

Surgical treatment of childhood OSA

Stacey Ishman (United States)

Sleep in children with disabilities

Catherine Hill (United Kingdom)

Updated on pediatric narcolepsy

Giuseppe Plazzi (Italy)

** NOTE Courses can be purchased as part of a bundle package with congress registration for reduced cost*

COURSE LAUNCH
FRIDAY, JANUARY 15, 2021

AVAILABLE ON DEMAND
THROUGH JUNE 1, 2021

- 13** *Special Workshop*
FRIDAY, FEBRUARY 5
SATURDAY, FEBRUARY 6
- 14** *Simulated Live Symposia*
FRIDAY, FEBRUARY 5
S01-S05
- 16** *On Demand Symposia*
SATURDAY, FEBRUARY 6
OD1-OD12
- 20** *Simulated Live Symposia*
SATURDAY, FEBRUARY 6
S06-S12
- 22** *Oral Abstracts*
FRIDAY, FEBRUARY 5, 2021
SATURDAY, FEBRUARY 6, 2021
- 24** *Poster Abstracts*
FRIDAY, FEBRUARY 5
SATURDAY, FEBRUARY 6

Special Sessions

All times listed in scientific program are in Coordinated Universal Time (UTC). A detailed UTC map can be viewed online at timeanddate.com.

FRIDAY, FEBRUARY 5, 2021
6:00pm – 7:00pm UTC

SATURDAY, FEBRUARY 6, 2021
3:00pm – 4:00pm UTC

GETTING YOUR RESEARCH PUBLISHED: ADVICE FROM SLEEP JOURNAL EDITORS

This 45-minute workshop is designed for young and new investigators looking for guidance in submitting and publishing their work.

Topics covered will include:

- 1.) Selecting an appropriate journal (Impact Factor, etc.)
- 2.) Preparing a manuscript and the submission process, and navigating peer review. There will be an opportunity to address questions to the panel at the conclusion of the didactic presentations.

WORKSHOP PANEL



OLIVIERO BRUNI, MD (Italy)
Pediatric Editor, *Sleep Medicine*



JUDITH OWENS, MD, MPH (United States)
Editor in Chief, *Behavioral Sleep Medicine*



MICHAEL V. VITIELLO, PhD (United States)
Editor in Chief, *Sleep Medicine Reviews*

FRIDAY, FEBRUARY 5, 2021
5:00PM TO 5:20PM UTC

LIVE | Welcome

Opening Remarks

Judith Owens (United States) | President of IPSA

Tribute to Dr. Christian Guilleminault

Colin Sullivan (Australia)

SUNDAY, FEBRUARY 7, 2021
12:00AM TO 12:40AM UTC

LIVE | Annual General Meeting

Networking and Annual General Meeting (AGM)

Closing Remarks

Judith Owens (United States) | President of IPSA

Presentation of Christian Guilleminault Young or New Investigator Awards

AGM

Report from IPSA Board Members

Call for nominations to IPSA Board

Call for nominations to host IPSA 2022

FRIDAY, FEBRUARY 5, 2021

All times listed in scientific program are in Coordinated Universal Time (UTC). A detailed UTC map can be viewed online at timeanddate.com.

S01: RESTLESS SLEEP DISORDER IN CHILDREN: DIAGNOSIS, CONSEQUENCES, AND TREATMENT

7:15pm – 8:45pm UTC

Chair

Raffaele Ferri (Italy)

Restless sleep and restless sleep disorder (RSD): Literature review

Daniel Picchietti (United States)

Restless sleep disorder: Consensus diagnostic criteria

Rosalia Silvestri (Italy)

Sleep disruption and daytime symptoms in children with RSD

Oliviero Bruni (Italy)

Treatment of restless sleep disorders

Lourdes Del Rosso (United States)

Live panel Q&A

S02: ASSESSMENT, IMPACT AND MANAGEMENT OF SLEEP PROBLEMS IN CHILDREN AND ADOLESCENTS WITH ATTENTION-DEFICIT/HYPERACTIVITY DISORDER (ADHD)

9:00pm – 10:30pm UTC

Chair

Emma Sciberras (Australia)

The Pediatric ADHD Sleep Study: Baseline data and future directions

Anna Hamilton (United Kingdom)

An update about the sleep phenotypes of ADHD: The impact of chronic sleep deprivation and sleep fragmentation

Silvia Miano (Switzerland)

What does experimental research tell us about the causal relationships that exist between ADHD and sleep in children?

Penny Corkum (Canada)

Sleep in adolescents with ADHD: What do we know and where are we going?

Stephen P. Becker (United States)

Training child health clinicians to manage behavioral sleep problems in ADHD: What works and what do clinicians and parents think?

Emma Sciberras (Australia)

Live panel Q&A

S03: IMPLEMENTING AUTO-VIDEOSOMNOGRAPHY IN PEDIATRIC SLEEP RESEARCH

9:00pm – 10:30pm UTC

Chair

Thomas Anders (United States)

Automatic scoring of infant sleep-wake states with nanit: A validation study

Liat Tikotzky (Israel)

Infant sleep during COVID-19: Longitudinal analysis of infants of US mothers in home confinement vs working as usual

Michal Kahn (Australia)

Associations between multidimensional sleep health variables and parent nighttime interactions and perceptions

Monica Roosa Ordway (United States)

Sleep and screen exposure across the beginning of life: Does age matter?

Michael Gradisar (Australia)

Locomotor milestone acquisition impacts movement and posture during infant sleep

Sarah E. Berger (United States)

Live panel Q&A

S04: PERSONALIZED MEDICINE IN PEDIATRIC OSA: HOW DO WE DO IT?

10:45pm – 12:15am UTC

Chair

Jasneek Chawla (Australia)

Personalized medicine in OSA: Adult experience

Danny Eckert (Australia)

Phenotypes of pediatric OSA

Gillian Nixon (Australia)

How can genomics help with a personalized approach?

Hui-Leng Tan (United Kingdom)

Tools for directing surgical treatment in OSA

Sally Shott (United States)

Targeted treatment for obesity related OSA

Indra Narang (Canada)

Live panel Q&A

FRIDAY, FEBRUARY 5, 2021

All times listed in scientific program are in Coordinated Universal Time (UTC). A detailed UTC map can be viewed online at timeanddate.com.

S05: TECHNOLOGY IN PEDIATRIC SLEEP RESEARCH AND CLINICAL SETTINGS: NOVEL APPLICATIONS AND UTILITY FOR DIAGNOSIS AND INTERVENTIONS

10:45pm – 12:15am UTC

Chair

Lisa J. Meltzer (United States)

Parental nighttime behavior and infant sleep: Assessing the links using auto-videosomnography

Michal Kahn (Australia)

Capturing the pre-bedtime activities of children and adolescents via wearable cameras

Barbara Galland (New Zealand)

Clinical utility of actigraphy and consumer wearables

Lisa J. Meltzer

Computer decision support for pediatric sleep screening in primary care

Sarah M. Honaker (United States)

Live panel Q&A

SATURDAY, FEBRUARY 6, 2021

All times listed in scientific program are in Coordinated Universal Time (UTC). A detailed UTC map can be viewed online at timeanddate.com.

OD1: SLEEP AND OBESITY IN CHILDREN: THE LATEST RESEARCH

1:45am – 3:15am UTC

Co-Chairs

Erin Kirkham (United States)
Ronald Chervin (United States)

OSA and bariatric surgery: The teen-LABS experience
Stacey Ishman (United States)

Effects of sleep timing and variability on metabolic health
Erica Jansen (United States)

Pediatric sleep apnea, obesity, and the metabolic syndrome
Leila Kheirandish-Gozal (United States)

Is adenotonsillectomy a risk for unhealthy weight gain?
Erin Kirkham (United States)

Breakout room at 3:30am UTC

OD2: PEDIATRIC SLEEP HEALTH: CAN WE DEFINE IT? DOES IT MATTER?

1:45am – 3:15am UTC

Chair

Sarah M. Honaker (United States)

Pediatric sleep health: It matters and so does how we define it
Lisa J. Meltzer (United States)

Automated assessment of pediatric sleep health in primary care
Sarah M. Honaker (United States)

Unpacking the links between poor sleep and classroom outcomes in primary schools
Jon Quach (Australia)

The ABCs of SLEEPING app for sleep health in school-aged children
Penny Corkum (Canada)

Addressing sleep health disparities in early childhood
Ariel A. Williamson (United States)

OD3: PERFECT BEDFELLOWS: COMBINING SLEEP HEALTH ADVOCACY AND EDUCATION FOR CHILDREN

1:45am – 3:15am UTC

Chair

Judith A. Owens (United States)

Lessons learned from 2+ decades of sleep health advocacy
Judith A. Owens (United States)

Community health partnerships to improve sleep in early childhood
Karen Bonuck (United States)

Expanding the scope and mission of sleep health advocacy for children
Carol Ripple (United States)

Opportunities and challenges in promoting sleep health across cultures
Debbie Will-Dryden (Canada)

Putting kids' sleep problems to bed: Where to from here
Sharon Moore (Australia)

Breakout room at 3:15am UTC

OD4: PEDIATRIC SLEEP MEDICINE DURING THE COVID-19 PANDEMIC AND BEYOND

3:30am – 5:00am UTC

Chair

Umakanth Katwa (United States)

Pediatric sleep medicine and COVID pandemic: Identifying the issues and survey results
Bobbi Jo Hopkins (United States)

Impact of COVID on sleep in children: Are we staring at another pandemic?
Judith Owens (United States)

Telemedicine in pediatric sleep medicine: Adapt, expand, and innovate
Stephen Sheldon (United States)

Operating pediatric sleep lab during and beyond the pandemic: Challenges and opportunities
Umakanth Katwa (United States)

Learning and teaching during pandemic: Dawn of a new era!
Maida Chen (United States)

SATURDAY, FEBRUARY 6, 2021

All times listed in scientific program are in Coordinated Universal Time (UTC). A detailed UTC map can be viewed online at timeanddate.com.

OD5: IDENTIFYING, SUPPORTING, AND PREDICTING OUTCOMES FOR INFANTS WITH SLEEPING, CRYING AND/OR FEEDING PROBLEMS (DYSREGULATED INFANTS)

5:15am – 6:45am UTC

Chair

Fallon Cook (Australia)

Associations between infant regulatory problems, childhood co-developing internalizing and externalizing trajectories, and adolescent psychopathology

Ayten Bilgin (United Kingdom)

Associations between infant regulation, child language development and academic achievement in a longitudinal cohort

Laura Conway (Australia)

Profiles and predictors of infant sleep problems across the first year

Fallon Cook (Australia)

Parental experiences and perceptions of infant sleep difficulties: Considerations for parenting interventions

Elizabeth Keys (Canada)

OD6: BETTER SLEEP FOR BETTER HEALTH OF CHILDREN DURING AND FOLLOWING COVID-19 PANDEMIC

5:15am – 6:45am UTC

Chair

Fan Jiang (China)

Mitigating the effects of home confinement on child health during the pandemic: Why we should focus on sleep?

Fan Jiang (China)

Sleep, child health and development: Impact of COVID-19 pandemic

Patrick IP (China)

Impact of home confinement on sleep quality and physical activity levels in children during COVID-19 pandemic

Gilbert Chua (China)

Socioeconomic inequality in mental health in children during the pandemic: The role of sleep

Guanghai Wang (China)

Tracking long-term effect of sleep and lifestyle factors on child development

Yunting Zhang (China)

OD7: MIND THE GAP' – A LOGIC MODEL FOR APPROACHING DISRUPTIVE SLEEP & WAKE BEHAVIORS WITH NEURODEVELOPMENTAL & MENTAL HEALTH DISORDERS: BRIDGING TO THE COVID-19 NEW NORMAL AND REDUCING VULNERABILITY FOR WAITLISTED PATIENTS

7:00am – 8:30am UTC

Chair

Osman Ipsiroglu (Canada)

The need for harmonization of clinical best practice outcome measures

Rosalia Silvestri (Italy)

Evolving understanding of sleep in ADHD over three decades: The perspectives of professionals (results of a scoping review)

Scout McWilliams (Ireland) and Ted Zhou (Ireland/Canada)

Structured behavioral observations: Vigilance & movement patterns

Gerhard Kloesch (Austria)

Internet addiction: Observation and the behavior analytic lens

Katie Allen (Canada)

Biochemical imbalances: Errors in assessment result in off-label antipsychotic prescriptions

Osman Ipsiroglu (Canada)

Breakout room at 8:15am UTC

OD8: IMPACT OF ENVIRONMENTAL FACTORS ON SLEEP AND BEHAVIORS IN PRESCHOOL CHILDREN

8:45am – 10:15am UTC

Chair

Patricia Franco (France)

Sleep and behavior: Longitudinal study on lifecycle EU child network

Sabine Plancoulaine (France)

Impact of screen on child behavior: Longitudinal study on Elfe study

Jonathan Bernard (France)

Impact of COVID lockdown on child behavior

Anna Pech de Laclause (France)

Impact of COVID lockdown on sleep in children

Florian Lecuelle (France)

SATURDAY, FEBRUARY 6, 2021

All times listed in scientific program are in Coordinated Universal Time (UTC). A detailed UTC map can be viewed online at timeanddate.com.

OD9: MYOFUNCTIONAL THERAPY: HAS IT REACHED A TIPPING POINT TO BECOME A STANDARD OF CARE IN PEDIATRIC SDB TREATMENT?

10:30am – 12:00pm UTC

Co-Chairs

Marc Richard Moeller (United States)
Karen Spruyt (France)

Why are the tonsils in the airway? Revisiting the pathophysiology of tonsillar airway obstruction

Denise Dewald (United States)

Short lingual frenulum as a risk factor for sleep disordered breathing in school aged children

Maria Pia Villa (Italy)

Recurrent sleep related breathing disorder after tonsillectomy and adenoidectomy

Kevin Boyd (United States)

Orofacial Myofunctional Therapy in the mouth breathing patient: An interdisciplinary approach and its place in sleep medicine

Silke Weber (Brazil)

Myofunctional Therapy as a 1st line treatment in pediatric SDB: A call to action

Daniel KK NG (Hong Kong, SAR People's Republic of China)

Breakout room at 6:00pm UTC

OD10: ADVANCED SLEEP SURGERY: WHAT THE PEDIATRICIAN SHOULD KNOW

12:15pm – 1:45pm UTC

Chair

Derek Lam (United States)

Outcomes of adenotonsillectomy for pediatric OSA

Ron Mitchell (United States)

Screening for post-adenotonsillectomy OSA

Kate Chan (Hong Kong)

DISE overview: Indications and variations in practice

An Boudewyns (Belgium)

Role of polysomnography in selecting DISE candidates

Norm Friedman (United States)

DISE-directed sleep surgery: Nose to palate

Derek Lam (United States)

DISE-directed sleep surgery: Tongue base and larynx

Erin Kirkham (United States)

Breakout room at 2:00pm UTC

SATURDAY, FEBRUARY 6, 2021

All times listed in scientific program are in Coordinated Universal Time (UTC). A detailed UTC map can be viewed online at timeanddate.com.

OD11: BIDIRECTIONAL EFFECTS: INFANT SLEEP AND NEURODEVELOPMENT

12:15pm – 1:45pm UTC

Chair

Renee Shellhaas (United States)

Is sleep state-dependent sensory processing a mechanistic bridge between sleep and neurodevelopment?

Kimberley Whitehead (United Kingdom)

The relationship between sleep and outcomes in neonatal ICU survivors

Renee Shellhaas (United States)

Impact of sleep disordered breathing on infant development

Umakanth Katwa (United States)

Parasomnias, sleep-related movements and seizures in fetuses and infants

Madeleine Grigg-Damberger (United States)

OD12: TREATMENT OPTIONS AND MECHANISMS IN PEDIATRIC RLS

12:15pm – 1:45pm UTC

Chair

Rosalia Silvestri (Italy)

Dopaminergic drugs: Efficacy, limitations, and concerns

Arthur Walters (United States)

Insomnia as an early manifestation of RLS: How do we treat it?

Oliviero Bruni (Italy)

The role of iron supplementation in restless sleep and pediatric restless legs syndrome

Rosalia Silvestri (Italy)

Benefits of treating RLS-comorbid neurodevelopmental/psychiatric disorders

Osman Ipsiroglu (Canada)

Breakout room at 2:30pm UTC

Join the speakers for a live Q&A session

SATURDAY, FEBRUARY 6, 2021

All times listed in scientific program are in Coordinated Universal Time (UTC). A detailed UTC map can be viewed online at timeanddate.com.

S06: MELATONIN USE IN CHILDREN: THE PROMISE AND THE PERIL

4:00pm – 5:30pm UTC

Chair

Judith Owens (United States)

“Vitamin M”: Melatonin use in the pediatric population

Judith Owens (United States)

Update on the neurophysiology of melatonin in children and adolescents

Jonathan Lipton (United States)

Safety of pharmacologic treatment with melatonin in children: What we know and do not know

Beth Malow (United States)

Clinical trials of melatonin in children with autism and neurodevelopmental disorders: The latest evidence

Paul Gringras (United Kingdom)

Evidence base on the efficacy/effectiveness of melatonin and development of consensus on the use of melatonin

Samuele Cortese (United Kingdom)

Live panel Q&A

S07: SLEEP AND COGNITION IN CHILDHOOD - SLOW WAVES, SPIKE WAVES AND A SOUND INTERVENTION

5:45pm – 7:15pm UTC

Chair

Samantha Chan (United Kingdom)

Riding the (brain)waves - trajectories of slow wave, cortical and behavioral maturation

Samantha Chan (United Kingdom)

Epilepsy, sleep and cognition: Slow waves and spike waves - the good and the evil

Bigna Bolsterli (Switzerland)

Boosting slow waves for memory? Auditory closed-loop stimulation in children with ADHD

Hong Viet Ngo (Netherlands)

Sleep and brain maturation: From descriptive studies to a neuromodulation approach

Reto Huber (Switzerland)

Live panel Q&A

S08: ADVERSE DEVELOPMENTAL OUTCOMES IN OFFSPRING AS CONSEQUENCE OF SLEEP DISORDERS DURING PREGNANCY

5:45pm – 7:15pm UTC

Chair

Kamalesh K Gulia (India)

Gestational sleep loss linked to immature brain networks in offspring

Kamalesh K Gulia (India)

Impact of gestational sleep apnea in the metabolic phenotype and epigenome of the offspring

Rene Cortese (United States)

The effect of mild sleep-disordered breathing on the fetus, placenta and offspring growth and adiposity

Riva Tauman (Israel)

Prenatal health and autism

Preeti Devnani (United Arab Emirates)

Live panel Q&A

S09: SIMPLIFICATION OF MEASUREMENTS AND HOW THIS COULD HELP IN SLEEP STUDIES, ESPECIALLY IN VULNERABLE POPULATIONS

7:30pm – 9:00pm UTC

Chair

Rosemary Horne (Australia)

Children born too soon: Effects on sleep

Rosemary Horne (Australia)

Sleep doesn't matter in disability: Or does it? The impact of treating sleep disorders in Down syndrome

Jasneek Chawla (Australia)

Usefulness of polygraphy with pulse transit time for the screening of OSAS in children with Down syndrome

Iulia Cristina Ioan (France)

Back and neck skin temperatures are good indicators of proximal temperature during children's sleep

Veronique Bach (France)

Live panel Q&A

SATURDAY, FEBRUARY 6, 2021

All times listed in scientific program are in Coordinated Universal Time (UTC). A detailed UTC map can be viewed online at timeanddate.com.

S10: MANAGEMENT OF THE CHILD WITH PRIMARY SNORING

7:30pm – 9:00pm UTC

Chair

An Boudewyns (Belgium)

Prevalence and history of primary snoring

Refika Ersu (Canada)

Comorbidities in children with primary snoring

Kate Chan (Hong Kong)

Medical treatment of primary snoring

Gillian Nixon (Australia)

Surgical treatment of primary snoring

Palma Benedek (Hungary)

What can biomarkers tell us in the child with primary snoring?

Tina Lildal (Denmark)

Live panel Q&A

S11: FACTORS AFFECTING INFANT PHYSIOLOGY DURING SLEEP

9:15pm – 10:45pm UTC

Chair

Rosemary Horne (Australia)

Sleep habits and sleep patterns in 1-year old infants

Sabine Plancoulaine (France)

Effects of sleep position on infant physiology

Rosemary Horne (Australia)

Effects of sleep location on infant physiology

Sally Baddock (New Zealand)

Effects of prenatal exposure to alcohol and smoking on fetal autonomic function during sleep

William Fifer (United States)

Impact of ANS on neurocognitive development: AuBe Study

Patricia Franco (France)

Live panel Q&A

S12: INCREASING SLEEP HEALTH AWARENESS ACROSS COUNTRIES, AGES, AND TARGET GROUPS: INTERNATIONAL ADVANCES IN SLEEP EDUCATION AND TRAINING

9:15pm – 10:45pm UTC

Chair

Reut Gruber (Canada)

Teachers: Novel online teacher training and delivery in sleep education

Gabrielle Rigney (Australia)

Parents: Transdiagnostic sleep education to improve child sleep outcomes

Penny Corkum (Canada)

Allied Health: Sleep education for pharmacists, nurses, dentists, and general practitioners in Australia

Sarah Blunden (Australia)

Pediatricians: Theoretical and practical education and training of Turkish healthcare professionals in early childhood sleep problems

Perran Boran (Turkey)

Governments: Gaining political buy in for sleep education: Challenges and encouragement

Michael Chee (Singapore)

Live panel Q&A

FRIDAY, FEBRUARY 5, 2021 FROM 5:30PM TO 7:00PM UTC

ORAL SESSION 1

MATERNAL AND INFANT SLEEP

Chairs: Ronald Chervin (United States) and
Renee Shellhaas (United States)

LONGITUDINAL ASSESSMENT OF VENTILATORY INSTABILITY AND ITS RELATIONSHIP TO PERIODIC BREATHING IN PRETERM INFANTS

Leon Siriwardhana (Australia)

INTERNATIONAL DIFFERENCES IN PARENTAL PERCEPTIONS OF INFANT SLEEP PROBLEMS AND DESIRED AREAS OF CHANGE

Jodi Mindell (United States)
Meghan Collins (United States)

THE ASSOCIATION BETWEEN MATERNAL SLEEP DURING PREGNANCY AND INFANT SLEEP ACROSS THE FIRST YEAR

Derric Z. H. Eng (Singapore)

HOW DO MOTHERS DEVELOP AND MANAGE THEIR ANGER ABOUT INFANT SLEEP PROBLEMS?

Christine Ou (Canada)

THE DYNAMICS OF AUTONOMIC NERVOUS CONTROL IN SLEEPING PRETERM NEONATES EXPOSED TO CHRONIC RADIOFREQUENCY ELECTROMAGNETIC FIELDS

Dimitri Besset (France)

SEX DIFFERENCE IN MATERNAL SLEEP FRAGMENTATION INDEX DURING LATE PREGNANCY AND OFFSPRING GENOME-WIDE DNA METHYLATION: FINDINGS FROM SHANGHAI SLEEP BIRTH COHORT STUDY (SSBC)

Min Meng (China)

MATERNAL FATIGUE AND CHILD SLEEP

Perran Boran (Turkey)

ORAL SESSION 2

SLEEP DISORDERED BREATHING

Chairs: Scott Coussens (Australia), Kurt Lushington
(Australia) and Anna Kontos (Australia)

COGNITION 24 MONTHS AFTER EARLY TONSILLECTOMY FOR MILD OSA: THE POSTA STUDY

Karen Waters (Australia)

ANALYSIS OF BRAIN FUNCTION AND RISK FACTORS IN CHILDREN WITH OBSTRUCTIVE SLEEP APNEA SYNDROME

Panting Wu (China)

NOCTURNAL DIPPING OF HEART RATE IS IMPAIRED IN CHILDREN WITH DOWN SYNDROME AND SLEEP DISORDERED BREATHING

Rosemary Horne (Australia)

HOME OXIMETRY AS PROXY TO DIAGNOSIS OF PAEDIATRIC OBSTRUCTIVE SLEEP APNOEA (OSA) IN THE COVID ERA

Ridma Jayarathna (United Kingdom)

"DOES OBSTRUCTIVE SLEEP APNEA AFFECT LANGUAGE DEVELOPMENT IN CHILDREN WITH DOWN SYNDROME

Holden Richards (United States)

GENDER DIFFERENCES IN SYMPTOMS, POLYSOMNOGRAPHIC FINDINGS AND NEUROBEHAVIOUR AMONG OBESE CHILDREN WITH OBSTRUCTIVE SLEEP APNEA

Sarah Selvadurai (Canada)

FEASIBILITY OF HOME CARDIORESPIRATORY SLEEP STUDIES DURING THE COVID-19 PANDEMIC AND THE IMPACT UPON FAMILIES - RESULTS OF A PARENTS AUDIT

Susan Jones (United Kingdom)

SATURDAY, FEBRUARY 6 FROM 2:15PM TO 3:45PM UTC

ORAL SESSION 3

SLEEP IN CHILDREN AND ADOLESCENTS

Chairs: Judy Owens (United States) and
Guanghi Wang (China)

CHILD SLEEP TRAJECTORIES AND ASSOCIATION WITH MATERNAL DEPRESSION: A PROSPECTIVE COHORT STUDY

Yiding Gui (China)

SLEEP QUALITY OR QUANTITY: THE CONTRIBUTION OF GOOD SLEEP TO WORKING MEMORY IN 3- AND 4-YEAR-OLDS

Maayan Peled (Israel)

SLEEP IS ASSOCIATED WITH EMPATHY IN PRESCHOOLERS AGED 3 AND 4 YEARS: A POPULATIONAL STUDY

Tingyu Rong (China)

AN INTERNATIONAL COMPARISON OF BEDTIME ROUTINE IN YOUNG CHILDREN

Jodi Mindell (United States)

Joey Lam (United States)

SOCIAL JETLAG AND SLEEP: ASSOCIATIONS WITH TEMPERAMENT IN HEALTHY CANADIAN PRESCHOOL-AGED CHILDREN

Maria Giannoumis (Canada)

ASSOCIATION BETWEEN BEDTIME AND HIGH SENSITIVITY C-REACTIVE PROTEIN LEVEL IN ADOLESCENTS

Saadoun Bin-Hasan (Kuwait)

SCREEN MEDIA USE AND SLEEP PATTERNS AMONG ADOLESCENTS DURING THE LOCKDOWN OF CORONAVIRUS PANDEMIC IN SPAIN

Marta Moraleda-Cibrián (Spain)

ORAL SESSION 4

SLEEP AND MEDICAL/NEUROLOGICAL DISORDERS

Chairs: Gita Gupta (United States) and Chun Ting Au (Hong Kong)

RESTING-STATE BRAIN NETWORK TOPOLOGICAL PROPERTIES AND THE CORRELATION WITH NEUROPSYCHOLOGICAL ASSESSMENT IN ADOLESCENT NARCOLEPSY

Fulong Xiao (China)

EVIDENCE TO SUPPORT DOSE REGIMENS FOR LOWER-SODIUM OXYBATE IN PEDIATRIC PATIENTS WITH NARCOLEPSY: PHASE 3 CLINICAL DATA, PHARMACOKINETIC (PK) DATA, AND POPULATION PK MODELING

Anne Marie Morse (United States)

VALIDATION OF THE PEDIATRIC NARCOLEPSY SCREENING QUESTIONNAIRE (PNSQ): A CROSS-SECTIONAL, OBSERVATIONAL STUDY

Susan Morris (United States)

THE DEVELOPMENTAL TRAJECTORY OF SLEEP IN CHILDREN WITH SMITH-MAGENIS SYNDROME COMPARED TO TYPICALLY DEVELOPING PEERS

Georgie Agar (United Kingdom)

THE IMPACT OF SLEEP DISTURBANCE ON PHYSICAL HEALTH IN A SEVERE ASTHMATIC PEDIATRIC POPULATION

Giorge Voutsas (Canada)

LATER SLEEP MID-POINT IN ADOLESCENTS WITH A PCOS PHENOTYPE IS ASSOCIATED WITH ELEVATED LIVER ENZYMES

Josephine Z. Kasa-Vubu (United States)

THE EFFECT OF MILD SLEEP RESTRICTION ON EATING IN THE ABSENCE OF HUNGER IN MIDDLE CHILDHOOD: AN EXPERIMENTAL RANDOMIZED CROSS-OVER TRIAL WITH LEARNING EFFECTS

Silke Morrison (New Zealand)

ASSOCIATIONS BETWEEN SLEEP DURATION, ADIPOSITY, AND COGNITIVE DEVELOPMENT IN YOUNG CHILDREN

Zhiguang Zhang (Canada)

FRIDAY, FEBRUARY 5, 2021 FROM 6:45PM TO 7:15PM UTC

POSTER ABSTRACT SESSION 1 SLEEP IN SPECIAL POPULATIONS

Chairs: Louis O'Brien (United States) and Rosemary Horne (Australia)

COMPARISON OF SLEEP PROBLEMS IN CHILDREN WITH DOWN SYNDROME AND AUTISTIC SPECTRUM DISORDER

Dylan Kendrick (Australia)

MORE THAN JUST OSA: NON-RESPIRATORY SLEEP DISORDERS IN AUSTRALIAN DOWN SYNDROME CHILDREN

Aidan Howard (Australia)

USE OF POLYSOMNOGRAPHY (PSG) IN HOSPITALIZED CHILDREN

Seyni Gueye-Ndiaye (United States)

HOME-BASED OXICAPNOGRAPHY IN LONG-TERM VENTILATED CHILDREN DURING COVID-19 - RESULTS OF A PARENTAL AUDIT

Ross Hanwell (United Kingdom)

OBJECTIVE AND SUBJECTIVE MEASURES OF SLEEP IN CHILDREN WITH TUBEROUS SCLEROSIS COMPLEX COMPARED TO TYPICALLY DEVELOPING PEERS

Stacey Bissell (United Kingdom)

ASSOCIATION OF SOCIAL JETLAG AND SLEEP WITH CARDIOMETABOLIC RISK IN HEALTHY CHILDREN LESS THAN 6 YEARS OF AGE MOVE TO PRE-SCHOOL AND SCHOOL-AGED

Maria Giannoumis (Canada)

ACTIGRAPHIC AND PATIENT-AND FAMILY-REPORTED SLEEP OUTCOMES IN CHILDREN AND YOUTH WITH CYSTIC FIBROSIS: A SYSTEMATIC REVIEW

Jordana McMurray (Canada)

SLEEP IN ADOLESCENTS AND YOUNG ADULTS WITH ADHD COMPARED TO TYPICALLY DEVELOPING PEERS: A SYSTEMATIC REVIEW AND META-ANALYSIS

Lena Keuppens (Belgium)

A SERVICE EVALUATION OF THE DIAGNOSTIC IMPACT OF MAGNETIC RESONANCE IMAGING OF THE BRAIN FOR CHILDREN REFERRED WITH CENTRAL APNOEA MOVE TO SLEEP DISORDERED BREATHING

Hasitha Saraje Gajaweera (United Kingdom)

SLEEP HOMEOSTASIS, COGNITION AND SEIZURE PROPENSITY IN CHILDREN WITH FOCAL EPILEPSY: INSIGHTS FROM SLEEP DEPRIVATION

Samantha Chan (United Kingdom)

DAYS MATTER TOO: HOW TIME USE METHODOLOGY CAN INFORM SLEEP RESEARCH

Megan Thomas (Canada)

THE NUCLEUS OF SOLITARY TRACT THROUGH THE PARABRACHIAL NUCLEUS SYNCHRONIZING CORTICAL ACTIVITY IN SLEEP-WAKE CYCLE MAYBE MOVE TO INFANTS?

Feng Zhai (China)

RELATED FACTORS TO SLEEP SUFFICIENCY AND REGULARITY AMONG SCHOOL CHILDREN IN TAIWAN MOVE TO PRESCHOOL AND SCHOOL-AGED

Ya-Wen Jan (Taiwan)

FRIDAY, FEBRUARY 5, 2021 FROM 8:45PM TO 9:15PM UTC

POSTER ABSTRACT SESSION 2 INFANT SLEEP

Chair: Dawn Elder (New Zealand) and Sally Baddock (New Zealand)

INFLUENCE OF CHRONIC RADIOFREQUENCY ELECTROMAGNETIC FIELDS EXPOSURE ON ELECTROENCEPHALOGRAPH POWER SPECTRUM IN SLEEPING PRETERM NEONATES.

Dimitri Besset (France)

ALTERNATIVE CHILD SLEEP AID POSTINGS ON SOCIAL MEDIA

Jodi Mindell (United States)

ARE POSTPARTUM MOTHERS MAD OR SAD? THE PREVALENCE AND PREDICTORS OF POSTPARTUM ANGER AND DEPRESSION IN THE CONTEXT OF MATERNAL-INFANT SLEEP PROBLEMS

Christine Ou (Canada)

TOSSING AND TURNING: INFANTS' NIGHT WAKINGS AND NOCTURNAL MOTOR ACTIVITY INCREASE AROUND THE TRANSITION SURROUNDING EARLY MOTOR MILESTONE ACQUISITION

Aaron DeMasi (United States)

COMPARISON OF RESPONSIVE AND EXTINCTION INFANT SLEEP INTERVENTIONS ON OBJECTIVE AND SUBJECTIVE STRESS, PARENTAL MOOD AND SLEEP

Sarah Blunden (Australia)

PARENTS KNOWLEDGE ABOUT GUIDELINES ON SAFE SLEEP AND SIDS PREVENTION: A POPULATION-BASED STUDY

Janaina Martins (Brazil)

SLEEP PATTERNS, PROBLEMS, AND ECOLOGY IN YOUNG CHILDREN BORN PRETERM AND FULL-TERM AND THEIR MOTHERS

Jodi Mindell (United States)

Francesca Lupini (United States)

EVALUATION OF A WOMB-LIKE SENSORY INTERVENTION TO IMPROVE INFANT SLEEP

Harvey Karp (United States)

A COMPARISON OF SIDS/SUID BEHAVIORAL RISK AMONG USERS OF A RESPONSIVE BASSINET

Harvey Karp (United States)

A STUDY TO DETERMINE THE FEASIBILITY OF USING PULSE OXIMETRY, CARDIORESPIRATORY POLYGRAPHY AND NEAR INFRA-RED REGIONAL SPECTROSCOPY TO DETERMINE NORMAL OXYGEN SATURATION REFERENCE RANGES IN MODERATE AND LATE PRETERM INFANTS AND TO INVESTIGATE THE AETIOLOGY AND IMPACT OF CENTRAL APNEAS

Savannah Ivy (United Kingdom)

Olivia Falconer (United Kingdom)

NONINVASIVE, IN-HOME STATE CODING IN INFANTS AND TODDLERS USING AN AUTOMATED CODING SYSTEM

Melissa Horger (United States)

POLYSOMNOGRAPHY IN INFANTS: A STUDY IN THE CHARACTERISTICS OF INFANTS WITH SUSPECTED SLEEP DISORDERED BREATHING

Jagdev Singh (Australia)

FRIDAY, FEBRUARY 5, 2021 FROM 8:45PM TO 9:15PM UTC

POSTER ABSTRACT SESSION 3 SLEEP DISORDERED BREATHING

Chairs: Ronald Chervin (United States) and Fauziya Hassan (United States)

THE RELATIONSHIP BETWEEN OBSTRUCTIVE SLEEP APNOEA AND HYPERTENSION IN CHILDREN WITH METABOLIC SYNDROME

Maiia Aliusef (Ukraine)

CLINICAL AND PSG CHARACTERISTICS OF CHILDREN WITH MILD TO MODERATE OSA AND RESPIRATORY EVENTS TERMINATED PREDOMINANTLY WITH AROUSAL

Yunxiao Wu (China)

THE RELATIONSHIP OF ESSENTIAL ARTERIAL HYPERTENSION WITH OBSTRUCTIVE SLEEP APNEA AND OBESITY IN MALE ADOLESCENTS

Olga Berdina (Russian Federation)

ORAL CAVITY MORPHOLOGY AMONG CHILDREN AT RISK OF OBSTRUCTIVE SLEEP APNEA SYNDROME

Zofia Burska (Poland)

THE ANALYSIS OF BEHAVIORAL PROBLEMS IN CHILDREN WITH SLEEP-DISORDERED BREATHING AND LITTLE REM

Yang Liqiang (China)

THE EXPERIENCE IN THE APPLICATION OF CONTINUOUS POSITIVE AIRWAY PRESSURE THERAPY IN ADOLESCENTS WITH ESSENTIAL ARTERIAL HYPERTENSION AND OBSTRUCTIVE SLEEP APNEA

Olga Berdina (Russian Federation)

ADHERENCE TO CPAP IN CHILDREN IS NOT IMPROVED BY AUTOTITRATING CPAP AND REMOTE MODEM MONITORING

Anna Mulholland (Australia)

SLEEP DISORDERED BREATHING IN SCHOOL-AGED CHILDREN WITH PRADER-WILLI SYNDROME IN THE GROWTH HORMONE ERA- WHAT ARE WE LEARNING?

Gillian Nixon (Australia)

THE IMPACT OF THE COVID-19 PANDEMIC ON CHILDREN WITH SLEEP DISORDERED BREATHING (SDB) REQUIRING POSITIVE AIRWAY PRESSURE (PAP) THERAPY

Kanokkarn Sunkonkit (Canada)

A CLINICAL PREDICTION MODEL OF SEVERE OBSTRUCTIVE SLEEP APNEA IN CHILDREN

Tang Yufen (China)

SHORT LINGUAL FRENULUM AS A RISK FACTOR OF OBSTRUCTIVE SLEEP APNEA IN CHILDREN

Zuzanna Steć (Poland)

SCREENING FOR SLEEP-DISORDERED BREATHING IN CHILDREN WITH DOWN SYNDROME

Mirja Quante (Germany)

POSITIONAL THERAPY FOR TREATMENT OF OBSTRUCTIVE SLEEP APNEA IN CHILDREN

Lena Xiao (Canada)

SPECTRUM OF SLEEP DISORDERED BREATHING IN JOUBERT SYNDROME

Emily Le Fevre (Australia)

FACTORS ASSOCIATED WITH REFERRAL FOR POLYSOMNOGRAPHY IN CHILDREN WITH DOWN SYNDROME

Poornima Wijayaratne (Australia)

THE INCIDENCE, CHARACTERISTICS AND RISK FACTORS FOR HOSPITAL REVISITS FOLLOWING PAEDIATRIC TONSILLECTOMY AND ADENOIDECTOMY IN A STATE-WIDE POPULATION

Aimy Tran (Australia)

PEDIATRIC SLEEP QUESTIONNAIRE: CLINICAL VALIDATION IN CHILEAN POPULATION

Pilar Santelices (Chile)

SATURDAY, FEBRUARY 6, 2021 FROM 2:15PM TO 3:45PM UTC

POSTER ABSTRACT SESSION 4 PRESCHOOL AND SCHOOL-AGED CHILDREN

Chair: Oliviero Bruni (Italy), Albert Martin Li (Hong Kong) and Lourdes Del Rosso (United States)

PEDIATRIC RESIDENTS' PERSPECTIVES ON MEDICAL SCHOOL EDUCATION ABOUT SLEEP AND ITS DISORDERS

Sujung Kim (United States)

RELATIONS BETWEEN NAP HABITUALITY AND SEDENTARY TIME, PHYSICAL ACTIVITY, AND 24-HOUR BEHAVIORS IN EARLY CHILDHOOD

Christine W. St. Laurent (United States)

EFFICACY OF GROUP-BASED AND EMAIL-DELIVERED COGNITIVE BEHAVIOURAL THERAPY FOR INSOMNIA: A 6-MONTH FOLLOW UP

Ngan Yin Chan (Hong Kong)

THE RELATIONSHIP BETWEEN NAPPING AND BEHAVIORAL PROBLEMS AMONG VOCATIONAL HIGH SCHOOL STUDENTS IN CHINA

Han Jing (China)

PARENTS, PRESCHOOLERS, AND NAPPING: DEVELOPMENT AND PRELIMINARY PSYCHOMETRIC PROPERTIES OF THE PARENTS' NAP BELIEFS SCALE

Adam T. Newton (Canada)

CHILD MALTREATMENT IS ASSOCIATED WITH POOR SLEEP IN PRESCHOOLERS AGED 5-6 YEARS

Zijing Wang (China)

ASSOCIATION OF PARENTAL DEPRESSION AND ANXIETY SYMPTOMS WITH CHILDREN'S NIGHT TIME SLEEP

Perran Boran (Turkey)

LONGITUDINAL CORRELATES OF SLEEP DURATION IN YOUNG CHILDREN

Zhiguang Zhang (Canada)

ASSOCIATIONS BETWEEN ACTIGRAPHIC SLEEP MEASURES, SLEEP HYGIENE AND BEDTIME ROUTINE IN PRESCHOOLERS FROM CHILD PROTECTION SERVICES: AN EXPLORATORY STUDY

Sabrina Servot (Canada)

SATURDAY, FEBRUARY 6, 2021 FROM 5:30PM TO 6:00PM UTC

POSTER ABSTRACT SESSION 5 HYPERSONMIA AND INSOMNIA

Chairs: Tim Hoban (United States) and Lisa Matlen (United States)

MEASUREMENT OF NARCOLEPSY SYMPTOMS IN SCHOOL-AGED CHILDREN AND ADOLESCENTS: THE PEDIATRIC NARCOLEPSY SEVERITY SCALE

Lucie Barateau (France)

EFFECTS OF SODIUM OXYBATE (SXB) ON BODY MASS INDEX (BMI) IN PEDIATRIC PATIENTS WITH NARCOLEPSY

Jed Black (United States)

RAPID WEIGHT GAIN IN CHILDREN WITH NARCOLEPSY

Min Zhang (France)

PARENTS' VIEWS ABOUT THE MANAGEMENT OF CHILDREN'S CHRONIC INSOMNIA, ONLINE, IN THE COMMUNITY AND IN PRIMARY CARE. A QUALITATIVE STUDY EXPLORING ONLINE DISCUSSION FORUMS

Samantha Hornsey (United Kingdom)

VALIDATION OF THE EPWORTH SLEEPINESS SCALE FOR CHILDREN AND ADOLESCENTS (ESS-CHAD) QUESTIONNAIRE IN PEDIATRIC PATIENTS WITH NARCOLEPSY AGED 7-16 YEARS

Y. Grace Wang (United States)

ARE THERE SIGNS OF CNS INFLAMMATION IN NARCOLEPSY? NEUTROPHIL-TO-LYMPHOCYTE RATIO IN PAEDIATRIC PATIENTS

Milagros Merino-Andreu (Spain)

SALIVARY ALPHA-AMYLASE IN CHILDREN WITH HYPERSONMIA: A PILOT STUDY

Marine Thieux (France)

HOW IS PAEDIATRIC CHRONIC INSOMNIA MANAGED IN PRIMARY CARE? A SYSTEMATIC REVIEW

Samantha Hornsey (United Kingdom)



Become a Member

*and Support the Importance of Sleep
to Children's Development, Health & Well-being*

ABOUT IPSA

The International Pediatric Sleep Association (IPSA) operates exclusively for scientific and educational purposes pertaining to pediatric sleep research.

MISSION

- To promote basic and applied research in all areas of sleep in infants, children and adolescents
- To promote teaching programs on pediatric sleep, and the coordination of these programs among individual members and societies
- To hold scientific meetings
- To provide information to the public about perspectives and applications of pediatric sleep research
- To increase the knowledge of pediatric sleep problems and their consequences
- To provide a forum for the exchange of information pertaining to pediatric sleep research
- To establish and maintain standards of reporting and classifying data in the field of pediatric sleep research

IPSA MEMBERSHIP BENEFITS

- Discounted rates to attend IPSA ONLINE 2021
- Complementary online and app access to *Sleep Medicine* journal
- Inclusion in and access to the IPSA online member directory
- Eligibility to participate and vote in IPSA general assembly meetings
- Eligibility to serve on IPSA committees

2021 MEMBERSHIP RATES

New and renewed memberships run for one calendar year. Below are rates for individual members in US Dollars, current until December 31, 2021.

Regular Membership \$25
Student Membership \$15

For more information on membership levels visit pedsleep.org.

IPSA OFFICERS

- *President* | Judy Owens (USA)
- *Past President* | Oliviero Bruni (Italy)
- *Secretary* | Rosemary Horne (Australia)
- *Vice President* | Patricia Franco (France)

- *Director* | Teresa Paiva (Portugal)
- *Director* | Paul Gringras (United Kingdom)
- *Director* | Patricio Peirano (Chile)
- *Director* | Yu-Shu Huang (Taiwan)
- *Director* | Rosana Alves (Brazil)
- *Director* | Ron Chervin (USA)

World Sleep Society & the Italian Association of Sleep Medicine
Present the Best of Sleep Medicine & Research

WORLD SLEEP 2022

March 11-16

Rome • Italy



WORLD.sleepcongress.com



“Join us in Rome, Italy for World Sleep 2022 to discover and share the finest and most recent sleep medicine & research.”

– Birgit Högl, MD (Austria), President, World Sleep Society

SAVE THE DATE

WORLD SLEEP SOCIETY 
Advancing Sleep Health Worldwide



A.I.M.S. Associazione Italiana
di Medicina del Sonno