



International
Pediatric
Sleep
Association



IPSA 2018 PARIS • FRANCE

International Pediatric Sleep Association • www.pedsleep.org

SCIENTIFIC PROGRAM



WELCOME TO PARIS!

On behalf of the organizing committee, thank you for participating in the 5th International Pediatric Sleep Association (IPSA) Congress, being held **APRIL 27-29, 2018** in Palais des Congrès de Paris in France.

As is tradition for IPSA, the most renowned international opinion leaders in the field of Pediatric Sleep Medicine will join the congress to highlight recent, significant advances in basic science and clinical sleep medicine during development.

IPSA 2018 is an influential forum for sleep practitioners from around the world to network and exchange views, whilst learning from world-class researchers about the latest scientific and clinical developments in the field.

Our previous congresses highlighted the magnitude of Pediatric Sleep Medicine in the scientific community and we hope to now provide a perfect balance between didactic and practical needs, in order to provide the technical knowhow and up-to-date knowledge that will enable you to improve your practice.

We hope you will enjoy the congress as we share with you the latest cutting-edge research results and innovative solutions in the related fields.

Best Regards, IPSA Leadership

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MISSION STATEMENT



The **INTERNATIONAL PEDIATRIC SLEEP ASSOCIATION** operates exclusively for scientific and educational purposes, and more specifically:

- To promote basic and applied research in all areas of sleep in infants, children and adolescents.
- To promote teaching programmes on pediatric sleep, and the coordination of these programmes among the different member 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.

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April 27-29, 2018 **FRANCE**
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General Information

INTERNATIONAL PEDIATRIC SLEEP ASSOCIATION

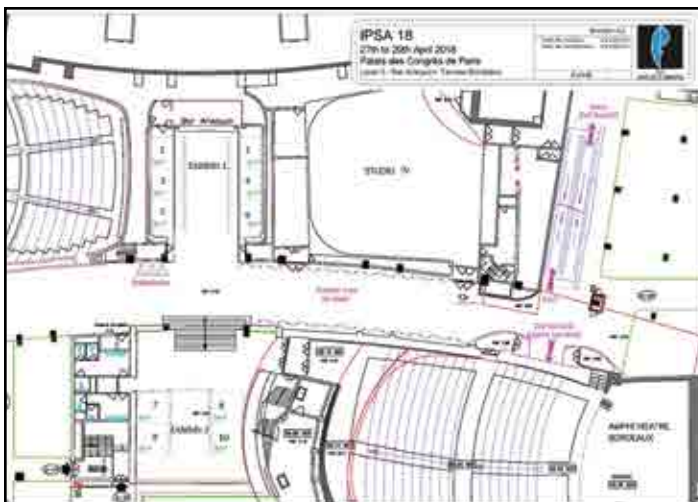
Web: www.IPSA2018.com

Email: info@IPSA2018.com

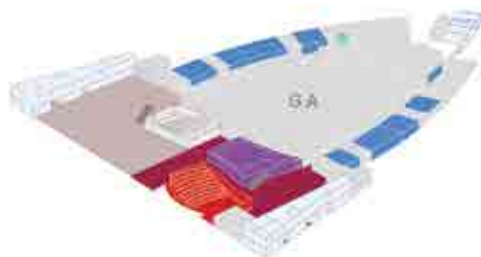
C/O World Sleep Society
3270 19th Street NW, Suite 109
Rochester, MN 55901

MEETING LOCATION

Palais des Congrès de Paris
2 place de la Porte Maillot, 75017 Paris, France



 palais des congrès
de paris



LEVEL 3 | FLOORPLAN

-  Business suites
-  Conference rooms
-  Bordeaux hall
-  Havana hall
-  Bordeaux amphitheatre
-  Havana amphitheatre
-  TV studios
-  VIP club

ON-SITE REGISTRATION

Registration materials (including badges, final programs, tickets, etc.) will be provided at the registration counter located at Palais des Congrès de Paris. Tickets are required for entry for Friday's pre-congress courses and Meet the Professor Luncheons.

Tickets can be purchased online at ipsa2018.com/register or at the registration desk.

REGISTRATION DESK HOURS

Friday 8:00 AM to 6:00 PM
Saturday 7:30 AM to 5:00 PM
Sunday 7:30 AM to 5:00 PM

EXHIBIT HALL HOURS

Saturday, April 28: 9:30 AM to 6:30 PM
Sunday, April 29: 10:00 AM to 7:00 PM

SPEAKER READY ROOM | 302

Presenting speakers can use the Speaker Ready Room to upload their PowerPoint presentations, test software, and make changes and adjustments to their presentations. Speakers are required to upload their presentation in the speaker ready room 12 hours prior to their session. A technician will be available to assist as needed.

SPEAKER READY ROOM HOURS

Friday 8:00 AM to 6:00 PM
Saturday 7:30 AM to 5:00 PM
Sunday 7:30 AM to 5:00 PM

POLICIES TO FOLLOW:

WEAR BADGE IDENTIFICATION

All congress participants and guests must wear an IPSA 2018 congress badge. Replacement badges can be obtained at the registration desk for a fee.

General Information

NO RECORDING POLICY

No recording devices, audio or visual, may be used during scientific activities. Violation of this rule could result in removal from IPSA 2018 along with the confiscation of the film and/or recording device.

MUTE ELECTRONIC DEVICES

Please turn all electronic devices (cellular telephones, pagers, etc.) to silent mode. As a courtesy to the presenters and other participants, phone calls should be taken outside of the scientific sessions.

SEATING LIMITS

Sessions are filled on a first-come, first-served basis. Seating limits are strictly enforced by the Palais des Congrès de Paris. We ask delegates to arrive early for best seating.

ABSTRACT DISSEMINATION

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

CERTIFICATE OF ATTENDANCE (COA)

To receive an official COA for IPSA 2018, please email info@IPSA2018.com.

SESSION EVALUATIONS

Your feedback is important to us and will be used for planning future programming. Please complete session evaluation forms.

CONTINUING MEDICAL EDUCATION (CME)

A CME fee of US\$20 is payable online with registration or in-person at the registration desk to obtain CME documentation.

CME STATEMENT

This Live activity, IPSA 2018, with a beginning date of 04/27/2018, has been reviewed and is acceptable for up to 24.75 Prescribed credit(s) by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Please complete the following steps to receive CME credit:

1. Purchase the \$20 CME fee at registration desk.
2. Obtain the CME Record of Attendance at registration desk.
3. Turn in CME Record of Attendance once completed to registration desk or email to info@IPSA2018.com by May 30, 2018.
4. Complete the faculty, session and congress evaluations. Evaluations will be collected in-person and electronically.

EVENTS TO ATTEND:

OPENING CEREMONY

The Opening Ceremony of IPSA 2018 will take place in Room Bordeaux of Palais des Congrès de Paris.

AGENDA

| | |
|---------|--|
| 7:30 AM | Light breakfast reception |
| 8:00 AM | Opening Ceremony Welcome, <i>IPSA 2018</i> Program Committee |
| 8:30 AM | Tribute to Dr. Carole Marcus: Memorial, <i>Eliot Katz</i> |
| 8:45 AM | Carol Marcus Lecture: Pediatric Non-invasive Positive Airway Pressure Therapy at Home: Past, Present and Future, <i>Reshma Amin</i> |

CLOSING CEREMONY

The Closing Ceremony of IPSA 2018 will take place in Room Bordeaux of Palais des Congrès de Paris on Sunday, April 29, 2018 from 5:40pm - 6:00PM.

Keynote Speakers

IN MEMORIAM OF CAROLE MARCUS



Dear Pediatric Sleep Community:

It is with great sadness that I write to share the heartbreaking news that Carole L. Marcus, Professor of Pediatrics at Children's Hospital of Philadelphia (CHOP), died Sunday afternoon after a brief hospitalization.

Carole was a remarkable clinician, clinical investigator, and educator who leaves behind legions of friends, colleagues, students, and mentees at CHOP, the University of Pennsylvania, and throughout the ATS both nationally and internationally. She improved the lives of countless patients through her unique clinical expertise and her high impact patient-oriented research. She served as Director of the CHOP Sleep Center and the CHOP Clinical and Translational Research Center/Center for Human Phenomic Science and was Associate Director of the Institute for Translational Medicine and Therapeutics at the University of Pennsylvania.

Carole grew up in South Africa and obtained her medical degree at the University of the Witwatersrand. She completed residency training at SUNY Brooklyn and fellowship training at the Children's Hospital of Los Angeles. She was a member of the faculty at Johns Hopkins University from 1991 to 2003 before being recruited to CHOP.

Carole was recognized nationally and internationally for her expertise in sleep medicine. She had a remarkable research career that was always evolving. She performed detailed physiological studies on the pathogenesis of obstructive sleep apnea (OSA), describing the relative roles of anatomy and neuromotor control of the upper airway from infancy to adolescence. In recent years she performed multi-center clinical trials with colleagues across the country studying neurobehavioral effects of OSA and culminating in a recent trial of adenotonsillectomy vs watchful waiting in the treatment of pediatric OSA. She held virtually every leadership position in pediatric sleep medicine at some point during her abbreviated career and received numerous awards, including the William C. Dement Academic Achievement Award in Sleep Medicine. She was an active participant in the ATS serving in many roles in the SRN assembly including on both Planning and Program Committees. Her colleagues and mentees will remember her as a tireless advocate for the interdisciplinary approach to the care of children with sleep disorders.

She was surrounded by family at the time of her premature death and died very peacefully. Please keep Carole and her family in your thoughts – we will all miss her greatly.

Sincerely,
David Gozal, MD, MBA



CAROLE MARCUS MEMORIAL



ELIOT KATZ, MD

Assistant Professor, Harvard Medical School (United States)
Saturday, April 28 | 8:30 AM - 8:45 AM | Room Bordeaux

SUMMARY:

Dr. Katz will deliver a 15-minute memorial at the Opening Ceremony celebrating the life of Dr. Carole Marcus. The tribute will be followed by the first IPSA Carole Marcus honorary lecture.

CAROLE MARCUS HONORARY LECTURE

Pediatric non-invasive positive airway pressure therapy at home: Past, present and future



RESHMA AMIN, MD, FRCPC, MSC

The Hospital for Sick Children, University of Toronto (Canada)
Saturday, April 28 | 8:45 AM - 9:30 AM | Room Bordeaux
Chair: Brigitte Fauroux (France)

SUMMARY:

This plenary session is dedicated to Dr. Carole Marcus, a pioneer and visionary in the field of pediatric sleep medicine. She was an incredible role model for young scholars, collaborators and colleagues. This session will discuss the evolution of domiciliary pediatric non-invasive positive airway pressure (PAP) therapy over the years from the first description of its use for pediatric OSA to its current widespread use for disorders of central origin, neuromuscular and chest wall disorders as well as primary respiratory diseases. The indications, technical and safety considerations as well as potential complications and challenges will be discussed. This session will review where we have come from and comment on where pediatric PAP therapy is headed in the future.

Sleep and circadian rhythms in early childhood



MONIQUE K. LEBOURGEOIS, PHD

Department of Integrative Physiology, University of Colorado, Boulder (United States)
Saturday, April 28 | 1:30 PM - 2:15 PM | Room Bordeaux
Chair: Patricia Franco (France)

SUMMARY:

Sleep and biological rhythms are increasingly recognized as key determinants of both physical and mental health. Understanding of these processes and how they change across early childhood remains poor compared to other life stages. In this talk, I will present data from my lab during the past decade that are helping to close this basic knowledge gap. I will also highlight how interactions between the sleep homeostatic and circadian processes within the context of the environment can influence the development of sleep and behavioral problems in childhood.

Keynote Speakers

Myoclonic twitching during REM sleep: A new perspective on an abundant but overlooked behavior of early infancy



MARK S. BLUMBERG, PHD

Director of The Delta Center, The University of Iowa, Iowa City (United States)
Sunday, April 29 | 8:00AM - 9:00AM | Room Bordeaux
Chairs: Carole Philippe (France), Sarah Hartley (France)

SUMMARY:

During REM sleep, every skeletal muscle in the body twitches, causing jerky movements of arms and legs, fingers and toes, and even eyes. These movements are particularly prominent during the perinatal period when REM sleep predominates. Because twitches, for millennia, have been interpreted as by-products of dreams, there has been little motivation to investigate them in human infants. To fill this gap, we recently conducted a study of twitching across the first postnatal year, documenting its quantity and patterning across the body. The results demonstrate that twitching, as in other developing mammals, is abundant in human infants and is expressed differentially across the body as new motor skills develop.

These findings complement recent research in infant rodents that has fundamentally altered our conception of the neural causes and functional consequences of this behavior. Specifically, sensory feedback from twitching limbs is a powerful source of brain activation during early development. Moreover, sensory feedback from twitches is processed very differently from sensory feedback from wake movements, a surprising finding that may hold the key to understanding the contributions of twitching to activity-dependent development of the sensorimotor system. This work has implications for our understanding of typical and atypical development, for recovery of function after injury or disease, and for detecting neurodevelopmental disorders earlier than is currently possible using standard clinical assessments.

New trends in narcolepsy in children



GIUSEPPE PLAZZI, MD, PHD

University of Bologna (Italy)
Sunday, April 29 | 1:45PM - 2:30PM | Room Bordeaux
Chair: Damien Leger (France)

SUMMARY:

New trends in narcolepsy in children will address type-1 versus type-2 narcolepsy phenotypes as well as new data on MSLTs and the difference in imaging findings between the different entities.

Schedule at a Glance

FRIDAY, APRIL 27, 2018

COURSE 1 (Half Day)..... \$75

Pediatric insomnia: what's new?

9:00AM - 1:00PM | Rooms: 320M + 321M

COURSE 4 (Half Day)..... \$75

Abnormal movements during sleep in children

1:00PM - 4:00PM | Rooms: 320M + 321M

COURSE 2 (Full Day)..... \$125

New methods in Sleep disordered breathing

9:00AM - 4:00PM | Room: 324

COURSE 3 (Full Day)..... \$125

New findings in pediatric sleep medicine/Year in Review

9:00AM - 5:05PM | Rooms: 322M + 323M

See pages 12-15 for course overviews.

*All courses require separate registration fee of \$75 for half-day and \$125 for full-day.

SATURDAY, APRIL 28, 2018

7:30AM - 5:00PM Registration | 9:30AM - 6:30PM Exhibit Hall

| TIME ROOM | SESSION TITLE |
|---------------------------------------|---|
| 8:00am - 8:30am Room Bordeaux | Opening Ceremony |
| 8:30am - 8:45am Room Bordeaux | Tribute to Carole Marcus |
| 8:45am - 9:30am Room Bordeaux | KEYNOTE: PEDIATRIC NON-INVASIVE POSITIVE AIRWAY PRESSURE THERAPY AT HOME: PAST, PRESENT AND FUTURE |
| 9:30am - 9:40am | Break |
| 9:40am - 11:10am Room Bordeaux | S01 DEVELOPMENT OF SLEEP IN THE FIRST YEAR OF LIFE |
| 9:40am - 11:10am 341 | S02 TREATMENT OPTIONS AND MECHANISMS IN PEDIATRIC RLS |
| 9:40am - 11:10am 342B | S03 OBSTRUCTIVE SLEEP BREATHING IN TODDLERS AND CHILDREN YOUNGER THAN 2 YEARS |
| 11:10am - 11:15am | Break |
| 11:15am - 12:45pm Room Bordeaux | S04 LARGE LONGITUDINAL STUDIES FROM BIRTH/EARLY INFANCY TO CHILDHOOD/ADOLESCENCE: THEIR IMPORTANCE AND THEIR CONTRIBUTIONS TO CHILDREN SLEEP KNOWLEDGE |
| 11:15am - 12:45pm 341 | S05 THE SPECTRUM OF HYPERMOTOR DISORDERS OF SLEEP IN PEDIATRICS |
| 11:15am - 12:45pm 342B | S06 HOW ORTHODONTIC TREATMENT APPROACHES CAN IMPROVE LONG TERM OUTCOME OF CHILDREN WITH OSA |
| 12:45pm - 1:30pm 341 | *Meet the Professor Luncheon: Judith Owens (United States) |
| 1:30pm - 2:15pm Room Bordeaux | KEYNOTE: SLEEP AND CIRCADIAN RHYTHMS IN EARLY CHILDHOOD |
| 2:15pm - 3:45pm Room Bordeaux | S07 NEW DIAGNOSTIC TOOLS FOR SLEEP DISORDERS IN CHILDHOOD AND ADOLESCENCE |
| 2:15pm - 3:45pm 341 | S08 SCHOOL START TIME CHANGE FOR ADOLESCENTS: FINDING SOLUTIONS FOR A GLOBAL EPIDEMIC |
| 2:15pm - 3:45pm 342B | ORAL SESSION 1 |
| 3:45pm - 4:00pm | Break |
| 4:00pm - 5:30pm Room Bordeaux | S09 PEDIATRIC PREVENTION OF SLEEP PROBLEMS: APPROACHES FROM INFANCY TO ADOLESCENCE |
| 4:00pm - 5:30pm 342B | ORAL SESSION 2 |
| 5:30pm - 5:45pm Room Bordeaux | SPECIAL AWARDS |
| 5:30pm - 6:30pm Room Bordeaux Foyer | POSTER VIEWING |

*Ticketed session

Schedule at a Glance

SUNDAY, APRIL 29, 2018

7:30AM - 5:00PM Registration Desk | 10:00AM - 7:00PM Exhibit Hall

| TIME ROOM | SESSION TITLE |
|---------------------------------------|--|
| 8:00am - 9:00am Room Bordeaux | KEYNOTE: MYOCLONIC TWITCHING DURING REM SLEEP: A NEW PERSPECTIVE ON AN ABUNDANT BUT OVERLOOKED BEHAVIOR OF EARLY INFANCY |
| 9:00am - 10:30am Room Bordeaux | S10 EFFECTS OF SLEEP-DISORDERED BREATHING ON BLOOD PRESSURE AND ITS REGULATION: EVIDENCE FROM PRESCHOOLERS TO ADOLESCENTS |
| 9:00am - 10:30am 341 | S11 SLEEP AND AUTISM: NEW DEVELOPMENTS FROM BENCH TO BEDSIDE |
| 9:00am - 10:30am 342B | S12 MOUTH BREATHING, CRANIOFACIAL MORPHOLOGY, AND MYOFUNCTIONAL THERAPY INTERVENTION IN PEDIATRIC OSA |
| 10:30am - 10:40am | Break |
| 10:40am - 12:10pm Room Bordeaux | S13 COGNITIVE, BEHAVIORAL AND ACADEMIC CONSEQUENCES OF INADEQUATE SLEEP IN CHILDREN |
| 10:40am - 12:10pm 341 | S14 SLEEP AND METABOLIC HEALTH: TIME FOR BEHAVIORAL SLEEP INTERVENTIONS? |
| 10:40am - 12:10pm 342B | ORAL SESSION 3 |
| 12:10pm - 12:15pm | Break |
| 12:15pm - 1:45pm 341 | NEURIM SATELLITE SYMPOSIUM: NAVIGATING THROUGH THE INSOMNIA ROADMAP IN CHILDREN WITH ASD |
| 1:45pm - 2:30pm Room Bordeaux | KEYNOTE: NEW TRENDS IN NARCOLEPSY IN CHILDREN |
| 2:30pm - 4:00pm Room Bordeaux | S15 PERCEPTIONS OF SLEEP AND THE CONSEQUENCES OF SLEEP DISORDERED BREATHING IN CHILDREN: AN INTERNATIONAL PERSPECTIVE |
| 2:30pm - 4:00pm 341 | S16 CHRONIC SLEEP DEPRIVATION AS A UNIFYING MARKERS OF SLEEP DISORDERS IN CHILDREN WITH ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADHD) |
| 2:30pm - 4:00pm 342B | S17 CENTRAL CONGENITAL HYPOVENTILATION SYNDROME: DIAGNOSIS AND MANAGEMENT |
| 4:00pm - 4:10pm | Break |
| 4:10pm - 5:40pm Room Bordeaux | S18 PEDIATRIC NARCOLEPSY: FROM CLINICAL FEATURES TO THERAPEUTIC OUTCOME |
| 4:10pm - 5:40pm 341 | S19 SLEEP SPINDLES AND NEUROCOGNITION IN CHILDREN |
| 6:00pm - 7:00pm Room Bordeaux Foyer | POSTER VIEWING |
| 6:00pm - 7:00pm Room Bordeaux Foyer | RECEPTION |

*Ticketed session



World Sleep 2019

SEPTEMBER 20-25, 2019 • VANCOUVER, CANADA

KEY DATES FOR SCIENTIFIC SUBMISSION

- Symposia Submission
SEPTEMBER 1 - DECEMBER 1, 2018
- Poster Abstract Submission
DECEMBER 1, 2018 - AUGUST 1, 2019
- Oral Abstract Submission
DECEMBER 1, 2018 - JUNE 15, 2019
- Young Investigator Award Application
DECEMBER 1, 2018 - JUNE 15, 2019

SCIENTIFIC PROGRAM HIGHLIGHTS

- **Courses**
Saturday & Sunday
- **Keynotes**
Monday-Wednesday
- **Symposia**
Monday-Wednesday
- **Abstracts**
Monday-Wednesday

WORLD SLEEP TOPICS

- Aging and Developmental Issues
- Basic Sleep Research
- Behavior, Cognition and Dreaming
- Chronobiology/Circadian Disorders
- Dental Sleep Medicine
- Excessive Daytime Sleepiness
- Insomnia
- Memory
- Movement Disorders
- Narcolepsy
- Neural Plasticity
- Neurological Sleep Disorders Affecting Sleep
- Parasomnia
- Pharmacology
- Psychiatric Disorders Affecting Sleep/Wake
- Restless Legs Syndrome (RLS)
- REM Behavior Disorders
- Sleep Breathing Disorders
- Technologist
- Technology/Technical

Course Overview

FRIDAY, APRIL 27, 2018

COURSE 1 (Half Day):\$75

Pediatric Insomnia: what's new?

9:00 AM to 1:00 PM | Rooms: 320M + 321M

Chairs: Judith Owens, Oliviero Bruni

PRESENTATIONS:

| | |
|---------------------|---|
| 9:00 AM - 9:10 AM | Introduction, J. Owens (United States) |
| 9:10 AM - 9:40 AM | Clinically oriented subtyping of chronic insomnia of childhood, O. Bruni (Italy) |
| 9:40 AM - 10:10 AM | Comorbidity of insomnia, J. Owens (United States) |
| 10:10 AM - 10:40 AM | The impact of insomnia in the family environment, K. Lushington (Australia) |
| 10:40 AM - 11:00 AM | Coffee Break |
| 11:00 AM - 11:30 AM | Non-pharmacological treatment of insomnia in early childhood, L. Tikotzky (Israel) |
| 11:30 AM - 12:00 PM | Pharmacological treatment of insomnia, O. Bruni (Italy) |
| 12:00 PM - 12:40 PM | Interactive case discussions around complex childhood insomnia: Putting it all into practice, P. Gringras (United Kingdom), C. Tyack (United Kingdom) |
| 12:40 PM - 1:00 PM | Group Discussion |

Courses are ticketed sessions. Tickets can be purchased at the Registration Desk.

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FRIDAY, APRIL 27, 2018

COURSE 2 (Full Day): **\$125**

New methods in Sleep disordered breathing

Start time: 9:00 AM | End time: 4:00 PM | Room: 324
Chairs: Pierre-Jean Monteyrol, Christian Guilleminault

PRESENTATIONS:

| | |
|---------------------|--|
| 9:00 AM - 9:05 AM | Introduction |
| 9:05 AM - 09:45 AM | Prematurity, sleep-disordered-breathing sleep and cognition, YS. Huang (Taiwan) |
| 9:45 AM - 10:25 AM | Pediatric OSA in school-age children: Behavior and learning, S. Blunden (Australia) |
| 10:25 AM - 10:45 AM | Coffee Break |
| 10:45 AM - 11:25 AM | Pediatric OSA, cognition and potential contribution of secondary impact of OSA on hearing to worsen cognition impairment, CM Hill (United Kingdom) |
| 11:25 AM - 12:05 PM | Non-invasive ventilation for the treatment of pediatric sleep disordered breathing in children with comorbidities, R. Amin (Canada) |
| 12:05 PM - 1:05 PM | Lunch Break |
| 1:05 PM - 1:45 PM | Nasal Involvement in the development of sleep disordered breathing in early life, SS. Sullivan (United States) |
| 1:45 PM - 2:25 PM | Pediatric OSA and treatment with orthodontist approach-including Bollard implants-outcomes, S. Quo (United States) |
| 2:25 PM - 2:45 PM | Coffee Break |
| 2:45 PM - 3:25 PM | Pediatric OSA late teen-agers non compliant with CPAP: What can we offer and outcomes, A. Yoon (United States) |
| 3:25 PM - 3:40 PM | Surgical Oto-Laryngology and pediatric OSA, PJ Monteyrol (France) |
| 3:40 PM - 4:00 PM | How mild changes on Orofacial Development lead to pediatric OSA and what can we do about it, C. Guilleminault (United States) |

Courses are ticketed sessions. Tickets can be purchased at the Registration Desk.

Course Overview

FRIDAY, APRIL 27, 2018

COURSE 3 (Full Day): **\$125**

New findings in pediatric sleep medicine / Year in Review

Start time: 9:00 AM | End time: 5:05 PM | Room: 322M + 323M

Chairs: Patricia Franco, Michel Lecendreux

PRESENTATIONS:

| | |
|---------------------|--|
| 9:00 AM - 9:10 AM | Introduction, P. Franco (France) |
| 9:10 AM - 10:00 AM | Management of insomnia in children with and without neurodevelopmental disorders, P. Gringras (United Kingdom) |
| 10:00 AM - 10:50 AM | Narcolepsy and hypersomnia in children? G. Plazzi (Italy) |
| 10:50 AM - 11:05 AM | Coffee Break |
| 11:05 AM - 11:55 AM | Parasomnia in children: Physiopathology and Differential diagnoses, M. Nunes (Brazil) |
| 11:55 AM - 12:45 PM | Sleep in the early years of life, P. Franco (France) |
| 12:45 PM - 1:30 PM | Lunch Break |
| 1:30 PM - 2:20 PM | Diagnostic aspects of sleep disturbance breathing in children, S. Verhust (Belgium) |
| 2:20 PM - 3:10 PM | Management of sleep disturbances breathing in children MP, Villa (Italy) |
| 3:10 PM - 3:25 PM | Coffee Break |
| 3:25 PM - 4:15 PM | ADHD and sleep in children, M. Lecendreux (France) |
| 4:15 PM - 5:05 PM | Consequences of poor sleep in children, K. Spruyt (France) |

Courses are ticketed sessions. Tickets can be purchased at the Registration Desk.



FRIDAY, APRIL 27, 2018

COURSE 4 (Half Day):\$75

Abnormal movements during sleep in children

1:00PM to 4:00PM | Rooms: 320M + 321M

Chairs: Arthur Walters, Rosalia Silvestrii

PRESENTATIONS:

| | |
|------------------|---|
| 1:00PM - 1:10PM | Introduction, A. Walters (United States) |
| 1:10PM - 1:40PM | The clinical manifestation of RLS in childhood, R. Silvestri (Italy) |
| 1:40PM - 2:10PM | RLS and growing pains, A. Walters (United States) |
| 2:10PM - 2:40PM | Pharmacological treatment of RLS and PLMS, E. Konofal (France) |
| 2:40PM - 3:00PM | Coffee Break |
| 3:00PM - 03:30PM | Sleepwalking and RBD in children, R. Lopez (France) |
| 3:30PM - 4:00PM | Paroxysmal motor events during sleep: Differential diagnosis, L. Nobili (Italy) |
| 4:00PM - 4:30PM | Rhythmic movement disorders during sleep, M. Zucconi (Italy) |
| 4:30PM - 4:40PM | Group Discussion |

Courses are ticketed sessions. Tickets can be purchased at the Registration Desk.

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Scientific Content

Symposia included in the IPSA 2018 final program are listed by **symposium number and date**. To search presenting speakers by name, visit **IPSA2018.com**.

IPSA 2018 SYMPOSIA

SATURDAY, APRIL 28 17-20
S01-S09

SUNDAY, APRIL 29 21-24
S10-S19
SATELLITE SYMPOSIUM



SATURDAY, APRIL 28, 2018

S01 DEVELOPMENT OF SLEEP IN THE FIRST YEAR OF LIFE

9:40 AM - 11:10 AM | Room Bordeaux

Chair: Patricia Franco (France)

9:40am - 9:42am

Introduction

Patricia Franco (France)

9:42am - 9:58am

Using oximetry to measure intermittent hypoxia in preterm and term infants

Dawn Elder (New Zealand)

9:58am - 10:14am

Body temperatures before and after sleep onset in preterm neonates

Veronique Bach (France)

10:14am - 10:30am

Longitudinal effects of apnoea and periodic breathing on cerebral oxygenation - a risk for neurodevelopmental impairment?

Rosemary Horne (Australia)

10:30am - 10:46am

Sleep quality of 8-12 months old infants using Actigraphy and sleep diaries

Frank Wiesemann (Germany)

10:46am - 11:02am

Early polysomnographic characteristics associated with neurocognitive development at 3 years of age

Patricia Franco (France)

11:02am - 11:10am

Question and Answer

Patricia Franco (France)

S02 TREATMENT OPTIONS AND MECHANISMS IN PEDIATRIC RLS

9:40 AM - 11:10 AM | Room 341

Chair: Rosalia Silvestri (Italy)

9:40am - 9:42am

Introduction

Rosalia Silvestri (Italy)

9:42am - 10:02am

Dopaminergic drugs: Efficacy, limitations and concerns

Arthur Walters (United States)

10:02am - 10:22am

The role of iron supplementation in pediatric RLS

Rosalia Silvestri (Italy)

10:22am - 10:42am

Looking to non-dopaminergic treatment for pediatric RLS

Diego Garcia-Borreguero (Spain)

10:42am - 11:02am

Challenges in treating RLS within comorbid developmental disorders

Osman Ipsiroglu (Canada)

11:02am - 11:10am

Question and Answer

Rosalia Silvestri (Italy)

S03 OBSTRUCTIVE SLEEP BREATHING IN TODDLERS AND CHILDREN YOUNGER THAN 2 YEARS

9:40 AM - 11:10 AM | Room 342B

Chair: Ha Trang (France)

9:40am - 9:42am

Introduction

Ha Trang (France)

9:42am - 10:07am

Similarities and differences in the OSA in toddlers/young children versus the older

Silvia Miano (Switzerland)

10:07am - 10:32am

How to evaluate risk factors and potential co-morbidities of OSA in toddlers/young children

Helena Larramona (Spain)

10:32am - 10:57am

When and how to treat OSA in toddlers/young children

Francois Abel (United Kingdom)

10:57am-11:10am

Question and Answer

Ha Trang (France)

S04 LARGE LONGITUDINAL STUDIES FROM BIRTH/EARLY INFANCY TO CHILDHOOD/ ADOLESCENCE: THEIR IMPORTANCE AND THEIR CONTRIBUTIONS TO CHILDREN SLEEP KNOWLEDGE

11:15 AM-12:45 PM | Room Bordeaux
Chair: Sabine Plancoulaine (France)

11:15am - 11:17am

Introduction

Sabine Plancoulaine (France)

11:17am - 11:37am

Early determinants of child sleep in ELFE study

Sabine Plancoulaine (France)

11:37am - 11:57am

GUSTO study from early infancy to childhood: Longitudinal sleep trajectories and cognitive development

Shirong Cai (Singapore)

11:57am - 12:17pm

Sleep in Australian children: Learnings from 12 years of national data from the Longitudinal Study of Australian Children

Jon Quach (Australia)

12:17pm - 12:37pm

Quebec Longitudinal Study of Child Development: An overview and new insights about longitudinal children sleep patterns associated with mental health difficulties in adolescence

Evelyne Touchette (Canada)

12:37pm - 12:45pm

Question and Answer

Sabine Plancoulaine (France)

S05 THE SPECTRUM OF HYPERMOTOR DISORDERS OF SLEEP IN PEDIATRICS

11:15 AM-12:45 PM | Room 341
Chair: Rosalia Silvestri (Italy)

11:15am - 11:17am

Introduction

Rosalia Silvestri (Italy)

11:17am - 11:37am

Sleep hypermotor epilepsy (SHE) and disorders of arousal in children

Lino Nobili (Italy)

11:37am - 11:57am

Pediatric Narco-cataplexy: A 24-hour motor disorder

Giuseppe Plazzi (Italy)

11:57am - 12:17pm

PLMD & RLS in children: Comorbidity and treatment

Arthur Walters (United States)

12:17pm - 12:37pm

Challenging diagnostic and therapeutic aspects of hypermotor behaviors in neurodevelopmental disorders

Osman Ipsiroglu (Canada)

12:37pm - 12:45pm

Question and Answer

Rosalia Silvestri (Italy)

S06 HOW ORTHODONTIC TREATMENT APPROACHES CAN IMPROVE LONG TERM OUTCOME OF CHILDREN WITH OSA

11:15 AM-12:45 PM | Room 342B
Chair: Christian Guilleminault (United States)

11:15am - 11:17am

Introduction

Christian Guilleminault (United States)

11:17am - 11:37am

Usage of multislice 3D CT to evaluate skeletal effect of RME and to perform regular long-term follow-up

Paola Pirelli (Italy)

11:37am - 11:57am

OSA and treatment with orthodontist approach: Usage of bone anchors, who to consider and what are current-outcomes

Stacey Quo (United States)

11:57am - 12:17pm

Bone anchored appliances in pubertal and post pubertal individuals: Difficulties and outcomes

Kasey Li (United States)

SATURDAY, APRIL 28, 2018

12:17pm – 12:37pm

Neutral supporting mandibular advancement device with tongue bead for passive myofunctional therapy: Immediate and long-term follow-up

Yu-shu Huang (Taiwan)

12:37pm – 12:45pm

Question and Answer

Christian Guilleminault (United States)

S07 NEW DIAGNOSTIC TOOLS FOR SLEEP DISORDERS IN CHILDHOOD AND ADOLESCENCE

2:15PM-3:45PM | Room Bordeaux

Chairs: Angelika Schlarb (Germany), Tamar Shochat (Israel)

2:15pm – 2:17pm

Introduction

Angelika Schlarb (Germany), Tamar Shochat (Israel)

2:17pm – 2:33pm

The Children's Sleep Comic: A new self-rating tool for childhood insomnia

Angelika Schlarb (Germany)

2:33pm – 2:49pm

"How do you sleep?" Sleep as reflected in self-figure drawings of young adolescents living in residential care facilities compared to those living at home

Naama Roth (Israel)

2:49pm – 3:05pm

Nightmares effects questionnaire (NEQ): Daytime effects of nightmares

Angelika Schlarb (Germany)

3:05pm – 3:21pm

How to annotate videos of voluntary movements

Osman Ipsiroglu (Canada)

3:21pm – 3:37pm

Promoting healthy sleep in sleep deprived vulnerable adolescents

Mirja Quante (Germany)

3:37pm – 3:45pm

Question and Answer

Angelika Schlarb (Germany), Tamar Shochat (Israel)

S08 SCHOOL START TIME CHANGE FOR ADOLESCENTS: FINDING SOLUTIONS FOR A GLOBAL EPIDEMIC

2:15PM-3:45PM | Room 341

Chair: Amy R. Wolfson (United States)

2:15pm – 2:17pm

Introduction

Amy R. Wolfson (United States)

2:17pm – 2:37pm

View from Croatia: The interplay between chronotype and irregular school start times

Adrijana Koscec Bjelajac (Croatia)

2:37pm – 2:57pm

Challenges in implementing and assessing outcomes of SSTC in the UK

Gaby Illingworth (United Kingdom)

2:57pm – 3:17pm

Challenges in implementing and assessing outcomes of SSTC in Asia

Joshua Gooley (Singapore)

3:17pm – 3:37pm

Health outcomes and SSTC: US experience

Judith Owens (United States)

3:37pm – 3:45pm

Question and Answer

Amy R. Wolfson (United States)

SATURDAY, APRIL 28, 2018

S09 PEDIATRIC PREVENTION OF SLEEP PROBLEMS: APPROACHES FROM INFANCY TO ADOLESCENCE

4:00PM-5:30PM | Room Bordeaux
Chair: Julia Dewald-Kaufmann (Germany)

4:00pm - 4:02pm

Introduction

Julia Dewald-Kaufmann (Germany)

4:02pm - 4:18pm

The calming response of infants: How do infants respond to swaddling, sound and movement?

Eline Möller (The Netherlands)

4:18pm - 4:34pm

A smart crib at home: Potential effects on crying and sleep in infants and the relationships with maternal fatigue and symptoms of downheartedness

Roos Rodenburg (The Netherlands)

4:34pm - 4:50pm

Why do children have unhealthy sleeping behavior? Child-, parent-, child health care professional- and sleep expert perceived determinants

Laura Belmon (The Netherlands)

4:50pm - 5:06pm

A brief psychoeducative primary intervention to decrease electronic media use at night in adolescents: A randomized controlled trial

Ahuti Das (United Kingdom)

5:06pm - 5:22pm

A preventive adolescent sleep intervention for teachers of secondary schools

Ed de Bruin (The Netherlands)

5:22pm - 5:30pm

Question and Answer

Julia Dewald-Kaufmann (Germany)

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SUNDAY, APRIL 29, 2018

S10 EFFECTS OF SLEEP-DISORDERED BREATHING ON BLOOD PRESSURE AND ITS REGULATION: EVIDENCE FROM PRESCHOOLERS TO ADOLESCENTS

9:00AM-10:30AM | Room Bordeaux
Chair: Rosemary Horne (Australia)

9:00am – 9:02am

Introduction

Rosemary Horne (Australia)

9:02am – 9:22am

Autonomic impact of sleep-disordered breathing in preschool children

Rosemary Horne (Australia)

9:22am – 9:42am

Effects of obstructive sleep apnoea on blood pressure: Data from a longitudinal follow-up study

Kate Chan (Hong Kong)

9:42am – 10:02am

The association of sleep-disordered breathing with elevated blood pressure in adolescent subjects: Penn State Child Cohort

Edward Bixler (United States)

10:02am -10:22am

Sleep-disordered breathing causes cardiovascular dysfunction – what's the mechanism?

Raouf Amin (United States)

10:22am – 10:30am

Question and Answer

Rosemary Horne (Australia)

S11 SLEEP AND AUTISM: NEW DEVELOPMENTS FROM BENCH TO BEDSIDE

9:00AM-10:30AM | Room 341
Chair: Desaline Joseph (United Kingdom)

9:00am – 9:02am

Introduction

Desaline Joseph (United Kingdom)

9:02am – 9:22am

The interplay of sleep genes and autistic spectrum disorders: The story so far

Thomas Bourgeron (France)

9:22am – 9:42am

Sleep and circadian rhythms in autism

Carmen Schroder (France)

9:42am – 10:02am

An RCT sleep behavioural intervention for children with ASD

Emma Sciberras (Australia)

10:02am -10:22am

Pharmacology for sleep problems in ASD: New developments

Paul Gringras (United Kingdom)

10:22am – 10:30am

Question and Answer

Desaline Joseph (United Kingdom)

S12 MOUTH BREATHING, CRANIOFACIAL MORPHOLOGY AND MYOFUNCTIONAL THERAPY INTERVENTION IN PEDIATRIC OSA

9:00AM-10:30AM | Room 342B
Chairs: Marc R. Moeller (United States),
Patrick McKeown (Ireland)

9:00am – 9:02am

Introduction

Marc R. Moeller (United States), Patrick McKeown (Ireland)

9:02am – 9:18am

Swallowing analyses in breastfeeding and bottle feeding: Pilot studies to examine the relationship between swallowing and sleep in infants and neonates via videofluoscopy

Esther Bianchini (Brazil)

9:18am – 9:34am

The correlation between mouth breathing and severity of SDB

Daniel Ng (Hong Kong)

9:34am – 9:50am

Rediscovering the relationship between mouth breathing in childhood and malocclusion: What has been understood for over 100 years

Kevin Boyd (United States)

9:50am – 10:06am

Mouth breathing and craniofacial morphology in OSA pathogenesis: Orthodontic and myofunctional intervention with regard to nasal breathing

Stacey Quo (United States)

10:06am – 10:22am

Myofunctional therapy by cortical or subcortical networks

Patrick Fellus (France)

10:22am – 10:30am

Question and Answer

Marc R. Moeller (United States), Patrick McKeown (Ireland)

S13 COGNITIVE, BEHAVIORAL, AND ACADEMIC CONSEQUENCES OF INADEQUATE SLEEP IN CHILDREN

10:40 AM-12:10 PM | Room Bordeaux

Chair: Stéphanie Mazza (France)

10:40am – 10:42am

Introduction

Stéphanie Mazza (France)

10:42am – 11:02am

Sleep and performance on an attention-demanding task

Karen Spruyt (France)

11:02am – 11:22am

Cognitive dysfunction in children with narcolepsy

Stéphanie Mazza (France)

11:22am – 11:42am

Sleep-dependent memory consolidation in young patients with attention deficit/hyperactivity disorder (ADHD)

Alexander Prehn-Kristensen (Germany)

11:42am – 12:02pm

Sleep education at school

Amandine Rey (France)

12:02pm – 12:10pm

Question and Answer

Stéphanie Mazza (France)

S14 SLEEP AND METABOLIC HEALTH: TIME FOR BEHAVIORAL SLEEP INTERVENTIONS?

10:40 AM-12:10 PM | Room 341

Chair: Karine Spiegel (France)

10:40am – 10:42am

Introduction

Karine Spiegel (France)

10:42am – 11:02am

Poor and short sleep and the risk of overweight/obesity in children and adolescents: Meta-analyses of epidemiological studies

Yaqoot Fatima (Australia)

11:02am – 11:22am

Effects of extended time in bed on food intake and glucose metabolism in young overweight habitual short sleepers: A randomized controlled study

Karine Spiegel (France)

11:22am – 11:42am

Pediatric obesity: Time for Behavioral Sleep Interventions?

Andrea Spaeth (United States)

11:42am – 12:02pm

Considering the Z-Factor in type 1 diabetes

Michelle M. Perfect (United States), Sara Frye (United States)

12:02pm – 12:10pm

Question and Answer

Karine Spiegel (France)

SUNDAY, APRIL 29, 2018

S15 PERCEPTIONS OF SLEEP AND THE CONSEQUENCES OF SLEEP DISORDERED BREATHING IN CHILDREN: AN INTERNATIONAL PERSPECTIVE

2:30PM-4:00PM | Room Bordeaux
Chair: Rosemary Horne (Australia)

2:30pm – 2:32pm

Introduction

Rosemary Horne (Australia)

2:32pm – 2:52pm

Examining sleep practices from both a parent and child perspective

Dawn Elder (New Zealand)

2:52pm – 3:12pm

Cerebral blood flow response to hypercapnia in children with Obstructive Sleep Apnoea Syndrome

Ignacio Tapia (United States)

3:12pm – 3:32pm

Relationship between regional brain tissue changes and outcomes in children with sleep disordered breathing

Rosemary Horne (Australia)

3:32pm – 3:52pm

Randomised control study of the effects of adenotonsillectomy on blood pressure in children with OSA

Kate Chan (China)

3:52pm – 4:00pm

Question and Answer

Rosemary Horne (Australia)

S16 CHRONIC SLEEP DEPRIVATION AS A UNIFYING MARKERS OF SLEEP DISORDERS IN CHILDREN WITH ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADHD)

2:30PM-4:00PM | Room 341
Chair: Michel Lecendreux (France)

2:30pm – 2:32pm

Introduction

Michel Lecendreux (France)

2:32pm – 2:52pm

Sleep, attention and executive functions in epilepsy with centro-temporal spikes (BECTS)

Alexandre Datta (Switzerland)

2:52pm – 3:12pm

Restless sleep and ADHD: The relationship between excessive limb movements and behavioural dysfunc

Oliviero Bruni (Italy)

3:12pm-3:32pm

Sleep and circadian rhythmicity in ADHD

Michel Lecendreux (France)

3:32pm – 3:52pm

Sleep phenotypes of ADHD and HD-EEG analysis

Silvia Miano (Switzerland)

3:52pm -4:00pm

Question and Answer

Michel Lecendreux (France)

S17 CENTRAL CONGENITAL HYPOVENTILATION SYNDROME: DIAGNOSIS AND MANAGEMENT

2:30PM-4:00PM | Room 342B
Chairs: Ha Trang (France), Jochen Peters (Germany)

2:30pm – 2:32pm

Introduction

Ha Trang (France)

2:32pm – 2:52pm

Physiology of control of breathing

Martin Samuels (United Kingdom)

2:52pm – 3:12pm

Clinical presentations of CCHS

Jochen Peters (Germany)

3:12pm-3:32pm

Genetics of CCHS and relationships with phenotypes

Ha Trang (France)

3:32pm – 3:52pm

Management of CCHS

Matthias Frerick (Germany)

3:52pm - 4:00pm

Question and Answer

Ha Trang (France), Jochen Peters (Germany)

S18 PEDIATRIC NARCOLEPSY: FROM CLINICAL FEATURES TO THERAPEUTIC OUTCOME

4:10PM-5:40PM | Room Bordeaux
Chair: Judith Owens (United States)

4:10pm - 4:12pm

Introduction

Judith Owens (United States)

4:12pm - 4:28pm

Clinical aspects in the narcoleptic child: How clinical evaluation may orientate towards therapeutic decisions

Giuseppe Plazzi (Italy)

4:28pm - 4:44pm

Auto-immunity and pediatric narcolepsy

Lucie Barateau (France)

4:44pm - 5:00pm

Pediatric narcolepsy and psychiatric features

Paul Gringras (United Kingdom)

5:00pm - 5:16pm

Management of the pediatric narcoleptic patient

Michel Lecendreux (France)

5:16pm - 5:32pm

Directions for the future, what can we expect regarding narcolepsy and other disorders of EDS based on current research?

Yves Dauvilliers (France)

5:32pm - 5:40pm

Question and Answer

Judith Owens (United States)

S19 SLEEP SPINDLES AND NEUROCOGNITION IN CHILDREN

4:10PM-5:40PM | Room 341
Chairs: Oliviero Bruni (Italy), Pablo E. Brockmann (Chile)

4:10pm - 4:12pm

Introduction

Oliviero Bruni (Italy), Pablo E. Brockmann (Chile)

4:12pm - 4:32pm

Sleep spindle development during childhood

Kerstin Hoedlmoser (Australia)

4:32pm - 4:52pm

Sleep spindles and neurocognition

Pablo E. Brockmann (Chile)

4:52pm - 5:12pm

Sleep microarchitecture in children with disabilities

Oliviero Bruni (Italy)

5:12pm - 5:32pm

Memory and sleep: Role of spindles

Kurt Lushington (Australia)

5:32pm - 5:40pm

Question and Answer

Oliviero Bruni (Italy), Pablo E. Brockmann (Chile)

NEURIM SATELLITE SYMPOSIUM: NAVIGATING THROUGH THE INSOMNIA ROADMAP IN CHILDREN WITH ASD

12:15PM-1:45PM | Room 341

Chair: Carmen Schroder (France)

**Lunch boxes will be served with this symposium*

12:15pm - 12:20pm

Welcome and introduction

Carmen Schroder (France)

12:20pm - 12:45pm

Sleep disturbances in ASD children and its impact on child, caregiver and family

Carmen Schroder (France)

12:45 - 1:10pm

Melatonin and sleep disturbances in children with ASD

Sylvie Tordjman (France)

1:10pm - 1:35pm

New perspectives in treating sleep problems in children with ASD

Paul Gringras (United Kingdom)

1:35pm - 1:45pm

Summary and closing remarks

Carmen Schroder (France)

ORAL SESSION 1

Saturday, April 28, 2018 | 2:15pm-3:45pm | Room 342B

2:15pm-2:30pm

A PRELIMINARY STUDY: A PRIORITY ORIENTED TAILORED SLEEP HYGIENE INTERVENTION REDUCED SLEEP DISTURBANCE AND ABSENTEEISM IN CORRESPONDENCE HIGH SCHOOL STUDENTS

Akiyoshi Shimura (Japan)

2:30pm-2:45pm

SLEEP-RELATED BREATHING DISORDERS IN PREMATURE INFANTS WITH BRONCHOPULMONARY DYSPLASIA AND PULMONARY HYPERTENSION

Anna Solomakha (Russian Federation)

2:45pm-3:00pm

LONG-TERM EFFICACY AND SAFETY OF PEDIATRIC PROLONGED-RELEASE MELATONIN FOR INSOMNIA IN CHILDREN WITH AUTISM SPECTRUM DISORDER

Carmen M. Schroder (France)

3:00pm-3:15pm

NIGHT-WAKING AND BEHAVIOR IN PRESCHOOLERS: A DEVELOPMENTAL TRAJECTORY APPROACH

Eve Reynaud (France)

**Young Investigator Award Recipient*

3:15pm-3:30pm

EMERGENCE OF MATURE CORTICAL ACTIVITY IN WAKEFULNESS AND SLEEP IN HEALTHY PRE-TERM AND FULL-TERM INFANTS

Kimberley Whitehead (United Kingdom)

3:30pm-3:45pm

CARDIOVASCULAR CONSEQUENCES OF SLEEP DISORDERED BREATHING IN CHILDREN BORN PRETERM

Rosemary Horne (Australia)



ORAL SESSION 2

Saturday, April 28, 2018 | 4:00pm-5:30pm | Room 342B

Chair: Paul Gringas (United Kingdom)

4:00pm-4:15pm

TONSILLECTOMY OUTCOMES FOR MORBIDLY OBESE CHILDREN WITH OBSTRUCTIVE SLEEP APNEA

Norman R. Friedman (United States)

4:15pm-4:30pm

DOES CUMULATIVE SOCIO-ECOLOGICAL RISK IN INFANCY PREDICT PERSISTENT SLEEP PROBLEM TRAJECTORIES?

Jon Quach (Australia)

4:30pm-4:45pm

PROFILES OF INFANT REGULATION: ASSOCIATIONS WITH CHILD SOCIAL, EMOTIONAL AND BEHAVIOURAL OUTCOMES IN A LARGE, PROSPECTIVE, COMMUNITY COHORT

Fallon Cook (Australia)

**Young Investigator Award Recipient*

4:45pm-5:00pm

NEUROCOGNITION RELATIONSHIP TO AHI IN PRE-SCHOOL CHILDREN WITH POSITIVE PSQ

Helen Heussler (Australia)

5:00pm-5:15pm

CIRCADIAN RHYTHM DEVELOPMENT DURING THE FIRST YEAR OF AGE - THE CHILD-SLEEP COHORT

Juulia Paavonen (Finland)

5:15pm-5:30pm

MILD MATERNAL OBSTRUCTIVE SLEEP APNEA IN NON-OBESE PREGNANT WOMEN AND ACCELERATED FETAL GROWTH

Riva Tauman (Israel)

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ORAL SESSION 3

Sunday, April 29, 2018 | 10:40am-12:10pm | Room 342B

Michel Lecendreux (France)

10:40am-10:55am

MATERNAL CHRONOTYPE DURING PREGNANCY AS A PREDICTOR OF SLEEP DIFFICULTIES IN EARLY CHILDHOOD

Outi Saarenpää-Heikkilä (Finland)

10:55am-11:10am

LONG-TERM EFFECTS OF CBT-I IN GROUPS FOR SCHOOL-AGE CHILDREN SUFFERING FROM CHRONIC INSOMNIA

Angelika Schlarb (Germany)

11:10am-11:25am

LONGITUDINAL STUDY OF OBSTRUCTIVE SLEEP APNOEA IN CHILDHOOD, ADOLESCENCE AND YOUNG ADULTHOOD

Chun Ting Au (Hong Kong)

11:25am-11:40am

PREDICTORS OF TIME TO NARCOLEPSY DIAGNOSIS IN PARTICIPANTS WITH PEDIATRIC ONSET OF SYMPTOMS: RESULTS FROM THE NEXUS NARCOLEPSY REGISTRY

Michael Thorpy (United States)

11:40am-11:55am

RELATIONS BETWEEN INFANT FEEDING PRACTICES AND SLEEP CHARACTERISTICS BETWEEN AGE 2 AND 5-6 YEARS IN THE FRENCH EDEN BIRTH COHORT

Sabine Plancoulaine (France)



Poster Abstracts

POSTER SESSIONS

Saturday, April 28, 2018 | 5:30pm - 6:30pm | **Sunday, April 29, 2018, 6:00pm - 7:00pm**

Poster abstracts are listed in order by presenting author's last name, followed by poster number and session. Please refer to final poster handout for confirmed poster number and presentation session.

Abu Bakar, Saraiza (Malaysia) P#15-Saturday
EXTRANODAL NON-HODGKIN LYMPHOMA MASQUERADING AS OBSTRUCTIVE SLEEP APNEA

Abu Bakar, Saraiza (Malaysia) P#18-Sunday
TWO STAGE SURGERY IN UNRESOLVED PAEDIATRIC SLEEP APNEA (A CASE REPORT)

Agar, Georgie (United Kingdom) P#36-Sunday
SETTLING AND WAKING BEHAVIOURS IN CHILDREN WITH SMITH-MAGENIS AND ANGELMAN SYNDROMES

Aguilar Andújar, María (Spain) P#06-Saturday
STUDY WITH POLYSOMNOGRAPHY, MULTIPLE SLEEP LATENCY TEST AND ELECTROENCEPHALOGRAPHY ACTIVITY IN KLEINE-LEVIN SYNDROME: A CASE REPORT

Aguilar Andújar, María (Spain) P#07-Saturday
ANALYSIS OF SLEEP CHARACTERISTICS IN CHILDREN WITH SPECIFIC LANGUAGE IMPAIRMENT: STUDY IN 80 PATIENTS

Akkari, Mohamed (France) P#21-Saturday
RESPIRATORY POLYGRAPHY IN CHILDREN: FEASIBILITY IN CLINICAL PRACTICE IN AN ENT DEPARTMENT AND VALUE OF THE AUTOMATIC DETECTION OF RESPIRATORY EVENTS

Akkari, Mohamed (France) P#14-Sunday
CONTRIBUTION OF DRUG INDUCED SLEEP ENDOSCOPY (DISE) IN THE MANAGEMENT OF PEDIATRIC OBSTRUCTIVE SLEEP APNEA HYPOPNEA SYNDROME (POSAHS)

Alammar, Hetaf (United Kingdom) P#43-Saturday
A SYSTEMATIC REVIEW AND META-ANALYSIS OF BEHAVIOUR CHANGE INTERVENTIONS FOR SLEEP DIFFICULTIES IN CHILDREN WITH NEURO-DEVELOPMENTAL DISORDERS

Alves, Rosana (Brazil) P#54-Sunday
OVERNIGHT POLYSOMNOGRAPHY IN PATIENTS WITH MÖBIUS SEQUENCE

Ando, Shin-ichi (Japan) P#57-Sunday
AGE DEPENDENT RISK FACTORS OF SLEEP-DISORDERED BREATHING IN SCHOOL AGE TO ADOLESCENT DOWN SYNDROME PEOPLE

Andrade Pellissari, Guilherme (Brazil) P#27-Saturday
SLEEP-RELATED MINOR MOTOR EVENTS IN N3 SLEEP: DIAGNOSTIC CHALLENGE AND POLYSSONOGRAPHY CONTRIBUTION-CASE REPORT

Andrade Pellissari, Guilherme (Brazil) P#28-Sunday
CLINICAL CHARACTERISTICS OF CHILDREN WITH MILD SLEEP RELATED BREATHING DISORDERS

Andrieux, Annick (France) P#48-Saturday
AMBULATORY HOME SETTING OF NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE THERAPY (NCPAP) IN NON-SYNDROMIC CHILDREN WITH OSAS: ADHERENCE UP TO 24 MONTHS

Anghel, Cristina (Romania) P#44-Saturday
SLEEP DISTURBANCES IN ROMANIAN CHILDREN DIAGNOSED WITH ASPERGER SYNDROME

Azevedo de Almeida, Leila (Brazil) P#10-Sunday
HYPNAGOGIC FOOT TREMOR AND ALTERNATING LEG MUSCLE ACTIVATION IN CHILDREN: CASE SERIES

Azevedo de Almeida, Leila (Brazil) P#11-Sunday
CARDIORESPIRATORY AASM PARAMETERS IN TERM NEWBORNS: PRELIMINARY RESULTS

Baranga, Lucica (Romania) P#42-Saturday
SLEEP ARCHITECTURE DISTURBANCE IN CHILDREN WITH CROUZON SYNDROME AND ACHONDROPLASIA



Please refer to final poster handout for confirmed poster number and presentation session.

Bat-Pitault, Flora (France) P#40-Saturday
SLEEP AND PSYCHIATRIC SYMPTOMS IN ADOLESCENTS WITH ANOREXIA NERVOSA HOSPITALIZED IN A CHILD AND ADOLESCENT PSYCHIATRY UNIT

Benmorkat, Keltoum (Algeria) P#22-Saturday
THE DIAGNOSTIC EXAMINATIONS OF THE OBSTRUCTIVE SLEEP APNEA HYPOPNEA SYNDROME (OSAS) OF THE CHILD

Benmorkat, Keltoum (Algeria) P#19-Sunday
ROLE OF THE ORTHODONTIST IN SCREENING FOR OBSTRUCTIVE SLEEP APNEA (OSA) SYNDROME IN CHILDREN

Benmorkat, Keltoum (Algeria) P#20-Sunday
CONSEQUENCES OF PAEDIATRIC OBSTRUCTIVE SLEEP APNEA SYNDROME ON DENTO-MAXILLO-FACIAL MORPHOGENESIS

Berger, Sarah (United States) P#53-Sunday
THE ONSET OF MOTOR MILESTONES CHANGES INFANTS' SLEEP PATTERNS

Beyzaei, Nadia (Canada) P#28-Saturday
PRECISION MEDICINE IN ASSESSMENT OF SLEEP/WAKE-BEHAVIOURS: FROM ZAPPELPHILIPP (FIDGETY PHILIP) TO VIDEO-ANNOTATIONS (THE VANCOUVER SUMMER SLEEP-SCHOOL PROJECT 2017)

Beyzaei, Nadia (Canada) P#26-Sunday
PRECISION MEDICINE IN ASSESSMENT OF SLEEP/WAKE-BEHAVIOURS: PICTOGRAM-BASED CONSENT FORMS FOR ENHANCING PARTICIPATORY RESEARCH

Bierme, Priscille (France) P#52-Saturday
THE ROLE OF POLYSOMNOGRAPHY IN RESPIRATORY MANAGEMENT OF OBSTRUCTIVE SLEEP APNEA IN INFANTS WITH PIERRE ROBIN SEQUENCE: ESSENTIAL OR NOT?

Bihlmaier, Isabel (Germany) P#53-Saturday
CHANGES OF BEHAVIORAL AND EMOTIONAL PROBLEMS IN SCHOOL-AGE CHILDREN WITH CHRONIC INSOMNIA AFTER GROUP CBT-I: LONG-TERM EFFECTS OF A RANDOMIZED CONTROLLED STUDY

BinEid, Wasmiah (United Kingdom) P#05-Sunday
SLEEP AND WELLBEING OF MOTHERS AND CHILDREN WITH AUTISM IN SAUDI ARABIA AND UNITED KINGDOM

Bizari Coin de Carvalho, Luciane (Brazil) P#55-Sunday
PSYCHOMOTOR PERFORMANCE IN CHILDREN WITH SLEEP DISORDERED BREATHING

Blackwell, Jane (United Kingdom) P#38-Sunday
THE PAEDIATRIC NARCOLEPSY PROJECT: CHARACTERISING AND COMPARING SLEEP, PHYSICAL ACTIVITY, COGNITIVE FUNCTION AND PSYCHOSOCIAL WELL-BEING IN CHILDREN WITH NARCOLEPSY AND HEALTHY CONTROLS

Blunden, Sarah (Australia) P#33-Saturday
MATERNAL-INFANT SYNCHRONY IN STRESS RESPONSE DURING BEDTIME SEPARATION

Blunden, Sarah (Australia) P#16-Sunday
SLEEP CLASSES IMPACT ON SCHOOL PERFORMANCE: DATA FROM AUSTRALIAN INDIGENOUS CHILDREN

Bosquillon de Jenlis, Aymar (France) P#45-Sunday
EFFECTS OF CHRONIC EXPOSITION TO NOISE ON HOMEOSTASIS IN JUVENILE RATS

Bumstead, Jenni (United Kingdom) P#68-Saturday
OUTCOMES OF PERSONALISED SLEEP PROGRAMMES DELIVERED BY SPECIALIST SLEEP PRACTITIONERS IN A TERTIARY SERVICE: A 12 MONTH REVIEW

Carcangiu, Roberta (France) P#39-Sunday
POLYSOMNOGRAPHIC STUDY IN PRIMARY-SCHOOL CHILDREN WITH ATTENTION DEFICIT HYPERACTIVITY DISORDER

Caussé, Christian (France) P#20-Saturday
PITOLISANT IN CHILDREN WITH NARCOLEPSY: AN ON-GOING DOUBLE-BLIND TRIAL

Caussé, Christian (France) P#17-Sunday
TOLERANCE AND PHARMACOKINETICS OF PITOLISANT (WAKIX®), A HISTAMINE H3-RECEPTOR ANTAGONIST/INVERSE AGONIST, IN 24 NARCOLEPSY CHILDREN

Celmiņa, Marta Latvia P#48-Sunday
CHARACTERISTICS OF SLEEP HYGIENE, SLEEPINESS AND SELF-ASSESSED SLEEP QUALITY IN LATVIAN ADOLESCENTS: DIFFERENCES BETWEEN BOYS AND GIRLS

Chaussoy, Louise (France) P#64-Saturday
SCREENS ARE HARMFUL FOR SCHOOL-AGED CHILDREN'S SLEEP AND BEHAVIOR: YES, BUT NOT DURING MORNING HOURS

Che, Datian (China) P#02-Saturday
SLEEP DISORDERS IN CHILDREN WITH ASTHMA

Poster Abstracts

Please refer to final poster handout for confirmed poster number and presentation session.

Chien, Yin-Hsuan (Taiwan) P#44-Sunday
LONGITUDINAL POLYSOMNOGRAPHIC FINDINGS IN INFANTILE POMPE DISEASE WITH ENZYME REPLACEMENT THERAPY

Chuang, Li-Chuan (Taiwan) P#2-Sunday
CRANIOFACIAL AND AIRWAY MORPHOLOGY CHANGE AFTER WEARING ORAL APPLIANCE DURING SLEEP FOR ONE YEAR ON A COHORT OF OBSTRUCTIVE SLEEP APNEA CHILDREN

Coutier-Marie, Laurianne (France) P#50-Saturday
IMPACT OF PRONE POSITIONING ON OBSTRUCTIVE SLEEP APNEA IN INFANTS WITH PIERRE ROBIN SEQUENCE

Evans, Hazel (United Kingdom) | Williams, Daniel (United Kingdom) P#09-Saturday
A STUDY TO ASSESS THE NORMAL 3% DESATURATION INDEX (DI) IN HEALTHY CHILDREN UNDER 12 YEARS USING MASIMO TECHNOLOGY

Fernandes Silva, Andressa (Brazil) P#26-Saturday
EPILEPTIC MYOCLONUS AND SLEEP MYOCLONUS: DIAGNOSTIC CHALLENGE AND USE OF POLYSOMNOGRAPHY WITH EXTENDED MONTAGE CASE REPORT

Fernandes Silva, Andressa (Brazil) P#27-Sunday
SLEEP RELATED HYPOVENTILATION DUE TO PARTIAL BIOTINIDASE DEFICIENCY-CASE REPORT

Fernandes Barbosa, Denise (Brazil) P#45-Saturday
CAN FUNCTIONAL JAW ORTHOPEDIC BASED ON NEURO OCCLUSAL REHABILITATION CONTRIBUTE TO A MULTIDISCIPLINARY TEAM IN SLEEP-RELATED BREATHING DISORDERS PREVENTION?-CASE REPORT

Ferreira, Sofia (Portugal) P#34-Saturday
ERYTHROCYTOSIS WASN'T CLINICALLY SIGNIFICANT IN A GROUP OF PEDIATRIC PATIENTS WITH OBSTRUCTIVE SLEEP APNEA SYNDROME

Ferreira, Sofia (Portugal) P#68-Saturday
NON-INVASIVE VENTILATION IN CHILDREN WITH UPPER-AIRWAY RESISTANCE SYNDROME

Fouque, Helene (France) P#10-Saturday
USE OF THE EMDR TECHNIQUE TO TREAT CHILD'S NIGHTMARE DISORDER ABOUT THE CLINICAL CASE OF LITTLE MYA

Gahleitner, Florian (United Kingdom) P#55-Saturday
COMPARISON OF THE RESULTS OF 4, 6 OR 8 HOUR OXIMETRY

Gavlak, Johanna (United Kingdom) P#33-Sunday
SHOULD CHANGES IN PULSE OXIMETRY AFFECT HOW THESE STUDIES ARE CLINICALLY INTERPRETED?

Gillespie, Denise (Ireland) P#17-Saturday
A STUDY TO ASSESS THE PREVALENCE AND SEVERITY OF DIMS (DISORDERS OF INITIATING AND MAINTAINING SLEEP) IN A SAMPLE OF IRISH CHILDREN AGED 6-48 MONTHS

Gillespie, Denise (Ireland) P#37-Saturday
POST DISCHARGE EVALUATION OF PUBLIC HEALTH NURSE LED SLEEP CLINICS FOR BEHAVIOURAL SLEEP DIFFICULTIES IN CHILDREN

Glazer, Assaf (United States) P#18-Saturday
PARENT/CHILD CRIB INTERACTIONS CAN BE OBJECTIVELY MEASURED BY NANIT'S COMPUTER VISION TECHNOLOGY

Gnidovec Stražišar, Barbara (Slovenia) P#39-Saturday
CHALLENGING DIFFERENTIATION BETWEEN EPILEPTIC SEIZURES AND CATAPLECTIC ATTACKS IN A CHILD WITH NIEMANN-PICK DISEASE TYPE C

Haimov, Iris (Israel) P#11-Saturday
MATERNAL SLEEP-RELATED COGNITIONS AND YOUNG CHILDREN'S SLEEP: A COMPARISON BETWEEN THREE DIFFERENT ARAB SOCIETIES IN ISRAEL

Hartley, Jessica (United Kingdom) | Campbell, Kristina (United Kingdom) P#56-Saturday
INTERPRETATION OF SLEEP STUDY DATA; ARE GUIDELINES ENOUGH?

Heussler, Helen (Australia) | Hayes, Nicole (Australia) P#12-Saturday
IS A SLEEP INTERVENTION DESIGNED FOR CHILDREN WITH ADHD EFFECTIVE IN DAILY CLINICAL PRACTICE?

Hewertson, Vanessa (United Kingdom) P#58-Saturday
RHYTHMIC MOVEMENT DISORDER: A NOVEL SOLUTION?

Horwitz, Avel (Israel) P#01-Saturday
MOTHERS' AND FATHERS' SLEEP IN THE PRENATAL- AND POSTPARTUM PERIOD: LINKS WITH INFANT SLEEP

Imamura, Miho (Japan) P#07-Sunday
FUNCTIONAL ORTHODONTIC APPROACH WITH UPPER JAW EXPANSION & MFT HELPS FOR THE MOUTH BREATHING AND SLEEP APNEA

Ipsiroglu, Osman S. (Canada) P#31-Saturday
PRECISION MEDICINE IN ASSESSMENT OF SLEEP/WAKE-BEHAVIOURS: TECHNICAL & CONFIDENTIALITY CHALLENGES IN VIDEO-BASED ASSESSMENTS

Please refer to final poster handout for confirmed poster number and presentation session.

Ipsiroglu, Osman S. (Canada) P#23-Sunday
PRECISION MEDICINE IN ASSESSMENT OF SLEEP/WAKE-BEHAVIOURS: OBSERVING VIGILANCE-WHAT PEDIATRICIANS CAN LEARN FROM BEHAVIOURS OF NIGHTTIME DRIVERS

Jönson Ring, Ingrid (Sweden) P#32-Saturday
SLEEP DISORDERED BREATHING IN ENURETIC CHILDREN AND CONTROLS

Jonuškaitė, Dovilė (Lithuania) P#56-Sunday
NEW START IN SLEEP DIAGNOSTICS: IMPLEMENTING ACTIGRAPHY AT CHILDREN'S HOSPITAL IN VILNIUS

Judickiene, Asta (Lithuania) P#65-Sunday
SLEEP DISORDERS IN CHILDREN WITH EPILEPSY

Kaczorowska-Frontczak, Magdalena (Poland) P#03-Saturday
CHALLENGES IN EVALUATION OF POLYSOMNOGRAPHIC STUDY (PSG) IN A GIRL WITH IRREGULAR SLEEP-WAKE RHYTHM DISORDER AND PHARMACORESISTANT EPILEPSY WITH MULTIPLE HIGH VOLTAGE GENERALIZED DISCHARGES DURING SLEEP

Kallappa, Chetana (United Kingdom) P#24-Saturday
AGE AT DIAGNOSIS OF NARCOLEPSY

Kallappa, Chetana (United Kingdom) P#21-Sunday
UNUSUAL CASES PRESENTING TO SLEEP CLINIC

Kliman, Elysa (Canada) P#23-Saturday
EXAMINING THE MISSING LINK IN SUCCESSFUL UPPER AIRWAY RECONSTRUCTION, RESTORATION, AND RE-EDUCTION: INTRODUCING THE STANDFORD OROFACIAL MYOFUNCTIONAL ASSISTED MAXILLO-MANDIBULAR SURGICAL PROTOCOL (MAMMA)

Kuehle, Hans-J. (Germany) P#14-Saturday
PRECISION MEDICINE IN ASSESSMENT OF SLEEP/WAKE-BEHAVIORS: IS VIDEO-ASSISTED METHYLPHENIDATE DOSE FINDING FOR CHILDREN WITH ADHD A SUITABLE PROCEDURE? A FOLLOW-UP STUDY

Laberge, Luc (Canada) P#59-Saturday
IMPACT OF EVENING CLINICAL PLACEMENT ON SLEEP AND COGNITIVE PERFORMANCE OF NURSING STUDENTS

Langley, Rachel (United Kingdom) P#65-Saturday
WHAT IS THE NEUROPSYCHOLOGICAL IMPACT OF KLEINE LEVIN SYNDROME? TWO CLINICAL CASE STUDIES

Lecuelle, Florian (France) P#63-Saturday
FRENCH VALIDATION OF A SCREENING TOOL FOR SLEEP DISORDERS IN PRESCHOOL CHILDREN

Lee, Yuhsuan (Taiwan) P#57-Saturday
DENTAL ARCH MORPHOLOGY ANALYSIS OF OBSTRUCTIVE SLEEP APNEA (OSA) CHILDREN IN PRIMARY DENTITION USING 3-DIMENSIONAL METHOD

Leitão, Mafalda (Portugal) P#46-Saturday
SLEEPING WITH A RARE CONDITION: A CASE REPORT OF SLEEP PROBLEMS ASSOCIATED WITH A 5Q DUPLICATION AND 9P DELETION

Leske, Vivian (Argentina) P#46-Sunday
TRANSCUTANEUS PCO₂ AND END TIDAL PCO₂: CAN THEY BE USED AS ARTERIAL PCO₂ SURROGATES IN AWAKE CHILDREN?

Lin-Miao, Yiyang (Spain) P#59-Sunday
COMPARING SLEEP IN CHILDREN WITH ATTENTION-DEFICIT/HYPERACTIVE DISORDER (ADHD) BETWEEN THOSE WITH AND WITHOUT COMORBIDITIES

Lollies, Friederike (Germany) P#09-Sunday
ENHANCEMENT OF PARENTAL HEALTH & EMOTIONAL REGULATION COMPETENCIES AFTER TREATMENT OF YOUNG CHILDRENS INSOMNIA

Long, Xi (The Netherlands) P#19-Saturday
COMPARING BEHAVIOURAL STATE ANNOTATIONS AND PSG ANNOTATIONS IN INFANTS

Long, Xi (The Netherlands) P#69-Saturday
COMPARING VIDEO ACTIGRAPHY ACROSS PREMATURE INFANT SLEEP STATES

Lukowski, Angela F. (United States) P#49-Sunday
BEDTIME ROUTINES AND PRESCHOOLER SLEEP PROBLEMS: ASSOCIATIONS WITH CHILD SLEEP LOCATION

Madureira, Núria (Portugal) P#16-Saturday
SLEEP-DISORDERED BREATHING IN ACHONDROPLASIA: 15-YEAR EXPERIENCE

Madureira, Núria (Portugal) P#35-Saturday
SLEEP-DISORDERED BREATHING IN CRANIOSYNOSTOSIS

Mäkelä, Tiina (Finland) P#35-Sunday
FRAGMENTED SLEEP AND ITS CONNECTION WITH EXECUTIVE FUNCTIONING IN INFANCY

Mazzola, María Elena (Argentina) P#41-Saturday
RISK OF NARCOLEPSY AFTER THE APPLICATION OF THE VACCINE PANDEMIC H1N1 2009: RESULTS OF SOMNIA'S ARGENTINE STUDY

Poster Abstracts

Please refer to final poster handout for confirmed poster number and presentation session.

McCubbin, Joanne (United Kingdom) P#69-Saturday
**SLEEP FOR HEALTH IN HOSPITAL (SHH):
IMPROVING THE SLEEP ENVIRONMENT OF
CHILDREN'S WARDS**

Milagros, Merino-Andreu (Spain) P#05-Saturday
**MATURITY AND PERIODIC BREATHING IN HEALTHY
INFANTS**

Milkov, Mario (Bulgaria) P#30-Saturday
**COMPLEX PHYSIOTHERAPY: A NEW APPROACH IN
THE TREATMENT OF CHILDREN WITH TONSILLAR
HYPERTROPHY AND RELATED SLEEP-DISORDERED
BREATHING**

Milkov, Mario (Bulgaria) P#25-Sunday
**TONSILLAR HYPERTROPHY AND DAILY
BEHAVIORAL SYMPTOMS IN CHILDHOOD:
INFLUENCE OF APPLIED PHYSICAL FACTORS**

Mohamed, Cheikh (Tunisia) P#13-Saturday
**MELATONIN INGESTION AFTER EXHAUSTIVE
LATEEVENING EXERCISE IMPROVES SLEEP QUALITY
AND QUANTITY AND SHORT-TERM PERFORMANCES
IN TEENAGER ATHLETES**

Moore, Sharon (Australia) P#15-Saturday
**SLEEP LITERACY FOR PARENTS: A 'SLEEP FORMULA'
AND 'RED FLAG' SYSTEM TO IDENTIFY SLEEP
PROBLEMS IN CHILDREN**

Oka, Yasunori (Japan) P#66-Saturday
**DIFFERENCE OF SLEEP HABIT BETWEEN
PRESCHOOLERS ATTENDING NURSERY SCHOOLS
AND KINDERGARTENS**

Ordway, Monica Roosa (United States) P#29-Sunday
SLEEP AND SLEEP LOCATION

O'Toole, Sophie (United Kingdom) P#32-Sunday
**DO CHILDREN SLEEP LONGER IN HOME OR INPATIENT
CARDIORESPIRATORY POLYGRAPHY STUDIES?**

Øverland, Britt (Norway) P#43-Sunday
**HIGH PREVALENCE OF OSA IN CHILDREN
REFERRED TO ADENOTONSILLECTOMY**

Petrova, Natalia (Russian Federation) P#52-Sunday
**NONINVASIVE VENTILATION EXPERIENCE IN THREE
RUSSIAN INFANTS WITH CONGENITAL CENTRAL
HYPOVENTILATION SYNDROME**

Plazzi, Giuseppe (Italy) P#37-Sunday
**A DOUBLE-BLIND, PLACEBO-CONTROLLED,
RANDOMIZED-WITHDRAWAL, MULTICENTER STUDY
OF THE EFFICACY & SAFETY OF SODIUM OXYBATE
IN PEDIATRIC SUBJECTS WITH NARCOLEPSY WITH
CATAPLEXY**

Portillo, Angélica (Mexico) P#50-Sunday
**THE DIAGNOSTIC ACCURACY OF TYPE III PORTABLE
SLEEP MONITORS VERSUS POLYSOMNOGRAPHY
FOR OBSTRUCTIVE SLEEP APNEA IN CHILDREN: A
SYSTEMATIC REVIEW**

Praninskiene, Ruta (Lithuania) P#41-Sunday
**ELECTRONIC MEDIA USE AND SLEEP PROBLEMS IN
TODDLERHOOD AND PRESCHOOL AGE**

Remy, Floriane (France) P#03-Sunday
**A SIMULTANEOUS MANDIBULAR ADVANCEMENT
AND PALATAL EXPANSION FOR THE MANAGEMENT
OF PEDIATRIC OSAHS: PRELIMINARY RESULTS**

Rios, Marta (Portugal) P#12-Sunday
**SLEEP-DISORDERED BREATHING IN TWO CHILDREN
WITH PANTOTHENATE KINASE-ASSOCIATED
NEURODEGENERATION UNDER BACLOFEN THERAPY**

Rios, Marta (Portugal) P#13-Sunday
SLEEP RESPIRATORY FINDINGS IN ROHHAD SYNDROME

Rolling, Julie (France) P#47-Saturday
**SLEEP DISORDERS AND SUICIDE ATTEMPTS IN
ADOLESCENCE: VULNERABILITY TRAIT OR MARKER
OF A RISK STATE?**

Ruiz Herrera, Noelia (Spain) P#25-Saturday
**RELATIONSHIP BETWEEN SLEEP SPINDLES AND
COGNITIVE PERFORMANCE: ARE THERE ANY
DIFFERENCES BETWEEN ADHD SUBTYPES?**

Ruiz Herrera, Noelia (Spain) P#22-Sunday
SPINDLE ANALYSIS IN ADHD SUBTYPES

Sabil, AbdelKebir (France) P#51-Saturday
**USE OF TRACHEAL SOUND AND SUPRA-STERNAL
PRESSURE SIGNALS IMPROVES RESPIRATORY
ANALYSIS OF AMBULATORY POLYSOMNOGRAPHY
IN CHILDREN**

Saint-Georges-Chaumet, Yann (France) P#42-Sunday
**TONGUE RE-EDUCATION WITH TONGUE RIGHT
POSITIONER STABLY INCREASES UPPER AIRWAYS
DIAMETER AND NASAL PATENCY**

Schnatschmidt, Marisa (Germany) P#54-Saturday
**OVERCOMING EARLY REGULATION PROBLEMS
WITH MINI-KISS-SLEEPTRAINING**

Scott, Holly (United Kingdom) P#29-Saturday
**ADOLESCENTS' MOTIVATIONS FOR BEDTIME
SOCIAL MEDIA USE: FROM QUALITATIVE INSIGHTS
TO QUANTITATIVE MEASUREMENT**

Please refer to final poster handout for confirmed poster number and presentation session.

Scott, Holly (United Kingdom) P#24-Sunday
**ADOLESCENT SOCIAL MEDIA USE AND SLEEP
OUTCOMES: RESULTS FROM THE UK MILLENNIUM
COHORT STUDY**

Semedo, Eulália (Portugal) P#40-Sunday
**SUCCESSFUL MULTIDIMENSIONAL INTERVENTION
COMBINING COGNITIVE BEHAVIOURAL
THERAPY, ORTHODONTIC INTERVENTION
AND MYOFUNCTIONAL THERAPY, IN A CHILD
WITH SYMPTOMATIC MILD OSAHS AND SLEEP
DEPRIVATION: A CASE REPORT**

Taytard, Jessica (France) P#47-Sunday
**STUDY OF THE FAMILIAL AGGREGATION OF
OBSTRUCTIVE SLEEP APNEA SYNDROME BASED ON
A PEDIATRIC INDEX CASE**

Tikotzky, Liat (Israel) P#67-Saturday
**SLEEP AND MATERNAL EMOTIONAL DISTRESS IN
SOLO MOTHER FAMILIES COMPARED TO TWO-
PARENT FAMILIES**

Touchette, Evelyne (Canada) P#60-Saturday
**CONCOMITANT & LONGITUDINAL CHILDHOOD
SLEEP CHARACTERISTICS ASSOCIATED WITH
SUICIDAL THOUGHTS AT AGE 15**

Tsai, Shao-Yu (Taiwan) P#62-Saturday
**SLEEP AND BEHAVIOR PROBLEMS IN CHILDREN
WITH EPILEPSY**

Voltarelli da Silva Dias, Franciele (Brazil) P#62-Sunday
**A VALID METHOD FOR OROFACIAL
MYOFUNCTIONAL DISORDER ASSESSMENT IN
PEDIATRIC OBSTRUCTIVE SLEEP APNEA**

Von Holleben, Dânae (Brazil) P#36-Saturday
**SCN8A MUTATION IN A CHILD PRESENTING WITH
SEIZURES, SLEEP DISORDER AND DEVELOPMENTAL
DELAY**

Von Holleben, Dânae (Brazil) P#30-Sunday
**HURLER SYNDROME: SEVERE SLEEP APNEA AS
INITIAL PRESENTATION IN A 10 MONTHS OLD CHILD**

Walker, Anne Marie (United Kingdom) P#08-Saturday
**INITIATING AND TITRATING VENTILATION IN
CHILDREN: DO DIFFERENT MODELS OF DELIVERY
AFFECT ADHERENCE AND HEALTH ECONOMIC
OUTCOMES?**

Whitehead, Kimberley (United Kingdom) P#01-Sunday
**AN ARTS-NEUROSCIENCE APPROACH TO
ENGAGING WITH ADOLESCENTS ABOUT SLEEP AND
SLEEPLESSNESS**

Yanney, Michael (United Kingdom) P#38-Saturday
**PROSPECTIVE EVALUATION OF PULSE TRANSIT
TIME IN CHILDREN WITH SLEEP DISORDERED
BREATHING**

Yavuz-Kodat, Enise (France) P#34-Sunday
**VALIDITY OF ACTIGRAPHY COMPARED TO
POLYSOMNOGRAPHY FOR THE STUDY OF SLEEP IN
CHILDREN WITH AUTISM SPECTRUM DISORDER**

Yoshizaki, Arika (Japan) P#60-Sunday
**INTERVENTION FOR CHILDREN'S SLEEP
HABITS USING AN INTERACTIVE SMARTPHONE
APPLICATION**

Zhang, Zhiguang (Australia) P#49-Saturday
**CORRELATES OF NOCTURNAL SLEEP DURATION,
NOCTURNAL SLEEP VARIABILITY AND NOCTURNAL
SLEEP PROBLEMS IN TODDLERS: RESULTS FROM
THE GET UP! STUDY**

Zhou, Hua (China) P#61-Saturday
**AN EXPLORATORY STUDY OF PULSE OXYGEN
SATURATION MONITORING IN GENERAL
HOSPITALIZATION CHILDREN**

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BOOTH 8 | AAMSINFO.ORG

Academy of Applied Myofunctional Sciences (AAMS) is a non-profit (501c3 USA based) scientific society engaged in advancing research, scientific standards, education, and public health related to myofunctional therapy (MFT) around the world. The AAMS has helped start 11 regional non-profit scientific societies in the area of MFT around the world (Brazil, Japan, Scandinavia et al) and currently is helping in the formation of 14 new societies (Hong Kong/Taiwan/China, Australia, United Kingdom, et al). Join us as we help advance this important emerging field.



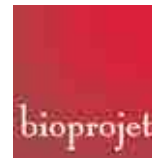
BOOTH 8 | AOMTINFO.ORG

Academy of Orofacial Myofunctional Therapy (AOMT) is the leading post-graduate institution for allied health professional training in the area of orofacial myofunctional therapy. Additionally, the AOMT helps facilitate research, curriculum development, and public health initiatives and has relationships with more than 40 universities and hospital groups around the world.



BOOTH 5 | WWW.ADEPASSISTANCE.FR

ADEP ASSISTANCE est spécialisé dans la prise en charge à domicile des insuffisances respiratoires en Île de France et Picardie, de l'enfant à l'adulte. [Adep Assistance is specialized in home care for respiratory insufficiencies in Ile de France and Picardy, from child to adult.]



WWW.BIOPROJET.COM

Bioprojet Created in 1982 by Dr Jeanne-Marie Lecomte and Pr Jean-Charles Schwartz, Bioprojet is a medium size, independent Research and Development pharmaceutical company. The objective of the company was, and still is, to use discoveries in fundamental research to create and develop drugs, which could become new therapeutic classes. This challenge was met with much success with the launch in 1993 of Tiorfan® the first pure intestinal anti-secretory drug for the treatment of diarrhoea and most recently of Wakix® indicated in adults for the treatment of narcolepsy, with or without cataplexy.



BOOTH 1 | WWW.CAMNTECH.COM

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BOOTH 4 | CIDELEC.NET

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WWW.NEURIM.COM

Neurim Pharmaceuticals Ltd. is a neuroscience pharma company, focusing on discovering and developing innovative drugs for central nervous system diseases. Neurim has a strong and innovative product pipeline, intended for insomnia, Alzheimer's disease, glaucoma and pain. Its first approved drug, Circadin®, is available in more than 45 countries around the world. In response to the unmet medical need in the field of pediatric insomnia, Neurim developed an innovative age-appropriate formulation, currently under EMA review, designed for children with ASD suffering from sleep disorders.



BOOTH 7 | WWW.NOMICS.BE

Nomics revolutionizes the diagnosis of sleep-disordered breathing: by measuring mandibular movements during sleep, the sensor offers a powerful solution to assess breathing efforts during sleep, in adult and childhood.

nox medical

BOOTH 2 | NOXMEDICAL.COM

Nox Medical builds medical devices for sleep diagnostics. Our mission is to advance sleep diagnostics through simplification, increased efficiency and comfort in all patient groups. Nox Medical's products include a full range of sleep diagnostic solutions, such as the Nox T3, Nox A1 PSG System, and the Noxturnal Software.



BOOTH 3 | WWW.SLEEPMULTIMEDIA.COM

SleepMultiMedia v. 10.5 is a computerized textbook of sleep medicine with text, sound, graphics, animation, & video. Updated annually with 140 CME credits, the program covers clinical sleep medicine, dental sleep medicine, sleep physiology, pediatrics, polysomnography, sleep research, and sleep practice management. NEW: Online real-time access to references through Medline. Available on USB Flash Drive.



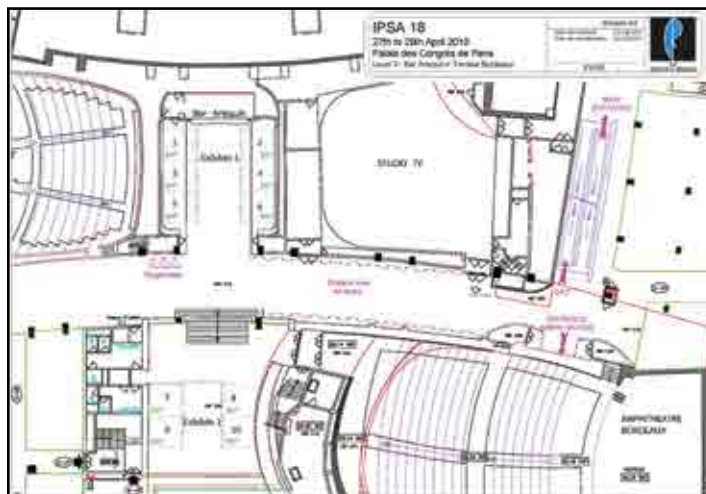
WWW.SFRMS-SOMMEIL.ORG

Société Française de Recherche et Médecine du Sommeil (SFRMS) The French Sleep Research and Medicine Society is a scientific non-profit organization, which brings together clinical and fundamental science researchers. The society organizes an accreditation process for sleep centers and provides standards for education. Its main goals are to facilitate development of sleep medicine as a subspecialty, to initiate research networks.



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World Sleep Society is an international association whose mission is to advance sleep health worldwide. World Sleep Society promotes and encourages education, research and patient care, particularly in those parts of the world where the practice of sleep medicine is less developed. World Sleep Society currently represents over 14,000 members. World Sleep 2019, the best in sleep medicine and research, is set for September 20-25, 2019 in Vancouver. Learn more at WorldSleepCongress.com.



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nox medical

The Next generation of PSG Systems



EXTENDS AND ADAPTS

Powerful and user friendly software
Tablet application for simpler workflow
Nox CI access point to enable online recordings

UNMATCHED SIMPLICITY IN PSG SETUP

Small and lightweight PSG recorder
Reduced complexity on patient hookup
Easy setup enabling home sleep testing

DESIGNED FOR HIGH CLINICAL QUALITY

Backup flow from Calibrated RIP Flow
Continuous impedance control
Audio based snore analysis