Congress of the
International Pediatric Sleep Association
joint meeting with
Pediatric Sleep Medicine Conference

Rome 3-5 December 2010

Hotel Nazionale
Piazza Montecitorio – Rome (Italy)

PROGRAM

Under the patronage of

2nd Faculty of Medicine

Italian Association of Sleep Medicine
Thanks To Our Sponsors

**Platinum**

CareFusion  
buona

**Gold**

La Bo Rest  
Milte Italia Spa  
Sapio

**Silver**

Aboca  
Ambulatory Monitoring, Inc.  
Bühlmann

Happybimbo  
Micromed  
Nathura

Philips Respironics  
Respiraire  
Sleepnet
Welcome to Rome!

Dear Attendees,
on behalf of the executive committee it is our pleasure to invite you to attend the congress of the International Pediatric Sleep Association, joint meeting with Pediatric Sleep Medicine Conference to be held in Rome 3-5 December 2010. Assembling the two conferences of the IPSA and the Pediatric Sleep Medicine Conference will highlight the recent significant advances in both basic science and clinical sleep medicine during development and will provide a special opportunity to share knowledge in sleep medicine and research.
We are delighted to have world-renowned International speakers joining this meeting. The Congress starts with an outstanding Pediatric Sleep Course on December 3rd. The main program will follow the opening ceremony with a keynote lecture, 16 research symposia, 5 oral sessions and more than 150 posters. We hope this does not create too many schedule clashes for you! Please come and support the poster sessions during which refreshments will be provided.
The location of the congress at the Hotel Nazionale offers a unique experience in the historical center of Rome, with the most important monuments (like Coliseum, Pantheon, Fontana di Trevi, Piazza Navona, etc.) within a short walking distance.
Therefore we hope that this will be a special Congress not only for science but also for spending time with colleagues in the beautiful atmosphere of Rome! The on-site social program promises to keep you entertained and sustained. A special mention to the Gala Dinner that will be served in an old palace of Rome within a short walking distance from the Congress Venue.
Finally we wish to acknowledge the tremendous support provided by our sponsors and exhibitors and encourage you all to make regular use of the exhibition area.

Enjoy the meeting!

Oliviero Bruni
President of the Congress
**FRIDAY DECEMBER 3rd**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 – 16:00</td>
<td>Registration</td>
</tr>
<tr>
<td>8:00 – 16:00</td>
<td><strong>PEDIATRIC SLEEP COURSE</strong></td>
</tr>
<tr>
<td></td>
<td><em>Ufficio Garante Privacy Hall</em></td>
</tr>
<tr>
<td>8:00 - 8:30</td>
<td>Introduction (David Gozal)</td>
</tr>
<tr>
<td>8:30 - 9:00</td>
<td>Normative data of sleep during development (Avi Sadeh)</td>
</tr>
<tr>
<td>9:00 - 9:30</td>
<td>Application of AASM sleep scoring criteria in children (Oliviero Bruni)</td>
</tr>
<tr>
<td>9:30 - 10:00</td>
<td>How to study sleep in children: new approaches and instruments (Ronald Chervin)</td>
</tr>
<tr>
<td>10:00 - 10:30</td>
<td>Arousals and SIDS (Patricia Franco)</td>
</tr>
<tr>
<td>10:30 - 10:45</td>
<td>Coffee break</td>
</tr>
<tr>
<td>10:45 - 11:15</td>
<td>Sleep respiratory disturbances in children from snoring to OSAS (Christian Guilleminault)</td>
</tr>
<tr>
<td>11:15 - 11:45</td>
<td>Treatment of Pediatric Sleep Disordered Breathing (Leila Kheirandish Gozal)</td>
</tr>
<tr>
<td>11:45 - 12:15</td>
<td>Insomnia in infants and children (Jodi Mindell)</td>
</tr>
<tr>
<td>12:15 - 12:45</td>
<td>Sleep in adolescence (Jun Kohyama)</td>
</tr>
<tr>
<td>12:45 - 14:00</td>
<td>Lunch</td>
</tr>
<tr>
<td>14:00 - 14:30</td>
<td>From parasomnia to epilepsy (Magda Nunes)</td>
</tr>
<tr>
<td>14:30 - 15:00</td>
<td>The clinical significance of motor activity during sleep (RLS/PLM) (Arthur Walters)</td>
</tr>
<tr>
<td>15:00 - 15:30</td>
<td>Sleepiness and narcolepsy (Giuseppe Plazzi)</td>
</tr>
<tr>
<td>15:30 - 16:00</td>
<td>Pharmacologic Treatment of Sleep Disorders in Children (Judith Owens)</td>
</tr>
<tr>
<td>16:00 - 16:15</td>
<td>Concluding remarks</td>
</tr>
<tr>
<td>16:30 – 17:00</td>
<td>Welcome and Introduction</td>
</tr>
<tr>
<td>17:00 – 18:00</td>
<td><strong>KEY-NOTE LECTURE</strong></td>
</tr>
<tr>
<td></td>
<td><em>David Gozal. Pediatric sleep disordered breathing: Quo Vadis?</em></td>
</tr>
<tr>
<td>18:00 – 19:00</td>
<td><strong>UFFICIO GARANTE PRIVACY HALL</strong></td>
</tr>
<tr>
<td></td>
<td><strong>ORAL SESSION</strong></td>
</tr>
<tr>
<td></td>
<td><em>The three-digit number corresponds to the number in the abstract book.</em></td>
</tr>
</tbody>
</table>

**UPDATE ON CHILDHOOD NARCOLEPSY**

*Chair: Markku Partinen, MD*

- # 001 Clinical features of childhood narcolepsy. Can cataplexy be foretold? *Sona Nevsimalova*
- # 002 Clinical, polysomnographic and laboratory characteristics of narcolepsy-cataplexy in a sample of children and adolescents *Rosa Peraita-Adrados*
- # 003 Increased incidence of childhood narcolepsy in 2010 *Markku Partinen*
- # 004 Precocious puberty and Overweight in Children with Narcolepsy with Cataplexy *Francesca Poli*
- # 005 Symptomatic cataplectic status *Milagros Merino-Andreu*
- # 006 Evaluation of group intervention for young people with Narcolepsy: feedback from groups run at a Paediatric Sleep Clinic with input from Narcolepsy UK *Rebecca Martyn*
Dr. Gozal is currently the Herbert T. Abelson Professor and Chair of the Department of Pediatrics at the University of Chicago, and the Physician-in-Chief of Comer Children’s Hospital. Dr. Gozal’s research interests emphasize bench to bedside approaches to pediatric sleep disorders, with projects encompassing a wide range of interests, such as gene regulation in hypoxia, and genomic and proteomic approaches to clinical and epidemiological aspects of sleep in children, including collaborative work in several countries around the world. His research is currently supported by several grants from the National Institutes of Health. He is deputy editor for the journal Sleep, associate editor for the American Journal of Respiratory and Critical Care Medicine, and serves on the editorial boards of several other journals. He currently serves as proud member on the IPSA Board of Directors. Dr. Gozal has published over 375 peer-reviewed articles and 600 scientific abstracts, and has extensively lectured all over the world.
SATURDAY DECEMBER 4th

08:15 – 09:45  UFFICIO GARANTE PRIVACY HALL
SYMPOSIUM
PEDiatric RLS: NEW CLUES TO DIAGNOSIS, PHYSIOPATHOLOGY, COMORBIDITY AND TREATMENT

Chairpersons: Rosalia Silvestri, Arthur Walters

- New concepts on the physiopathology of pediatric RLS  
  Arthur Walters
- Best descriptors and symptoms to identify RLS in children  
  Al De Weerd
- RLS and co-morbid sleep and neuropsychiatric disorders in children  
  Rosalia Silvestri
- New concepts and views on the treatment of pediatric RLS  
  Stephany Fulda

10:00 – 11:30  CAPRANICHETTA HALL
SYMPOSIUM
THE ABCS OF ZZZS: EVIDENCE, EVALUATION AND INNOVATIVE APPROACHES TO SLEEP EDUCATION PROGRAMS FOR CHILDREN AND FAMILIES

Chairperson: Judith Owens, Annie O’Connell

- Sleep education of parents and carers of children with additional needs: The Sleepwise approach for children and adolescents 2-18 years of age  
  Annie O’Connell
- Sleep education intervention in Australian children and adolescents  
  Sarah Blunden
- Innovative approaches to healthy sleep education for children and adolescents  
  Judith Owens
- Young adolescent Sleep-smart pacesetter program  
  Amy Wolfson

9:45 – 10:00 BREAK

10:00 – 11:30  UFFICIO GARANTE PRIVACY HALL
SYMPOSIUM
SLEEP-RELATED HEADACHES, BRUXISM AND BREATHING DISORDERS IN CHILDREN AND ADOLESCENT: A TRIAD?

Chairpersons: Gilles Lavigne, Oliviero Bruni

- Definition, prevalence, risk factors of headaches in relation to sleep  
  Oliviero Bruni
- Definition, prevalence, risk factors of sleep bruxism  
  Nelly Huynh
- Putative mechanism to understand this triad  
  Gilles Lavigne
- Could orthodontic treatment be management avenue?  
  Paola Pirelli
- Can oral appliance be of any benefit for the triad?  
  Maria Clotilde Carrà

10:00 – 11:30  CAPRANICHETTA HALL
SYMPOSIUM
SLEEP PROBLEMS IN CHILDREN WITH CANCER

Chairperson: Gerald Rosen, Pamela Hinds

- Sleep and fatigue in children with acute lymphoblastic leukemia  
  Pamela Hinds
- Sleep in children with CNS cancer  
  Gerald Rosen
- Use of actigraphy in the evaluation of sleep and fatigue in children with cancer  
  Avi Sadeh
- Screening for anxiety and depression in children with cancer  
  Sarah R Brand
11.30 – 13:00 UFFICIO GARANTE PRIVACY HALL
ORAL SESSION
The three-digit number corresponds to the number in the abstract book.

SLEEP HABITS AND SLEEP DURATION IN CHILDHOOD AND ADOLESCENCE
Chair: Teresa Paiva

# 007 In search of lost sleep: a meta-analysis to quantify secular trends in children’s sleep duration
Sarah Blunden

# 008 The variation in childhood sleep duration: A longitudinal English cohort Peter S Blair

# 009 Relationships between Sleep Patterns and Electronic Media Exposure among Israeli Children and Adolescent Orna Tzischinsky

# 011 Health-related quality of life in children in relation to sleep behavior based on the rating of parents and children Barbara Schwerdtle

# 012 Total sleep time and starting time to school in Brazilian children Luciane BC Carvalho

# 013 Sleep Habit of Japanese Children and Adolescents: Findings from TOON Pediatric Sleep Study Fumie Horiuchi

# 014 A pilot study of Sleepiness and Sleep Habits in Portuguese Schools Paiva Teresa

# 015 The prevalence of sleep disorders and their correlation with various risk factors in urban children from Mumbai, India Dipti Sekhsaria

11.30 – 13:00 CAPRANICHETTA HALL
ORAL SESSION
The three-digit number corresponds to the number in the abstract book.

SLEEP AND COGNITION IN CHILDHOOD AND ADOLESCENCE
Chair: Raffaele Ferri

# 016 Snoring at 6 months old is associated with poorer cognitive development at 12 months old Alicia Piteo

# 017 Sleep disturbance mediates the impact of snoring on child daytime behavior Kurt Lushington

# 018 Sleep related breathing disorders and their association to the deterioration of school performance Juan Carrillo

# 019 Cognitive-motor inhibition capacity is affected in 10-year-old children who sleep less than 8 hours per night Patricio Peirano

# 020 Long-term follow-up of neurocognitive performance in children with sleep disordered breathing Mark Kohler

# 021 Parental ratings of sleep and behavior: relationship to polysomnographic and neuropsychological indices Bruno Giordani

# 022 School after fire: the impact of a dual school schedule on academic performance, sleep, and health of high school students Luc Labergé

# 023 Borderline intellectual functioning and sleep: the role of cyclic alternating pattern Marco Carotenuto

# 024 Cyclic alternating pattern and diurnal cognitive performance in children Luana Novelli

13:00 - 14:00 LUNCH
I. Newborns

043 - SUDDEN INFANT DEATH SYNDROME: EPIDEMIOLOGY IN SOUTHERN ITALY  
Tedeschi G, Rana M, Tranchino V, Alabrese C, Semeraro L, Brunetti L

044 - SLEEP STAGES INFLUENCE ON HEART RATE VARIABILITY IN VERY PRETERM NEONATES: A PRELIMINARY STUDY  
Decima P, Stéphan-Blanchard E, Pelletier A, Telliez F, Delanaud S, Degrugilliers L, Tourneux


046 - EVALUATION OF A NEW VIDEO MONITORING SYSTEM FOR AUTOMATIC DETECTION OF INFANT’S SLEEP/AWAKE STATUS IN THE HOME  
Eto H, Horiuchi S

047 - FEWER SPONTANEOUS AROUSALS IN INFANTS WITH APPARENT LIFE THREATENING EVENT  

048 - THE INFLUENCE OF SHORT-TIME MASSAGE THERAPY ON REST-ACTIVITY CYCLE IN FULL-TERM NEWBORNS  
Gnidovec Stražišar B, Drole Torkar A, Paro Panjan D

049 - TESTING FRANCE AND BLAMPIED’S (1999) DEVELOPMENTAL MODELS OF PATHWAYS TO INFANT SLEEP OUTCOMES IN THE FIRST YEAR OF LIFE  
Henderson J, France K, Blampied N

050 - POLYSOMNOGRAPHIC FEATURES IN PATIENTS AFFlicted BY CONGENITAL CENTRAL HYPOVENTILATION SYNDROME (CCHS)  
Janis S, Vari MS, Romanello S, Ottonello GC, Baglietto MG

051 - NONLINEAR HEART RATE DYNAMICS AND HEART RATE VARIABILITY IN INFANTS WITH FUTURE SUDDEN DEATH  

052 - EVALUATION OF NEONATAL SLEEP STATES VIA DAYTIME EEG STUDY OF SYMPTOMATIC INFANTS  
Sassower KC

053 - CONTINUITY AND CHANGE IN INFANTS’ SLEEP–WAKE REGULATION: A SHORT-TERM FOLLOW-UP  
Scher A

054 - CENTRAL APNEA AND PERIPHERAL CHEMORECEPTION IN THE SLEEPING PRETERM NEONATE EXPOSED IN UTERO TO SMOKING  
Stéphan-Blanchard E, Telliez F, Djeddi D, Léké A, Chardon K, Bach V

055 - THE SLEEP MACROSTRUCTURE IN NEWBORNS: A TWIN STUDY  
Vucinovic M, Ursić A, Kardum G, Rešić B

056 - DEVELOPMENT OF AUTONOMIC HEART RATE AND BLOOD PRESSURE CONTROL IN INFANTS  
Yiallourou SR, Sands SA, Walker AM, Horne RSC

057 - THE EFFECT OF INFANT PREMATURITY ON BAROREFLEX SENSITIVITY DURING SLEEP IN INFANCY  
Yiallourou SR, Witcombe NB, Sands SA, Walker AM, Horne RSC
II. Development

058 - POSTPARTUM FEEDING METHODS AND MATERNAL SLEEP DISTURBANCE

Clawges HM, Santy EE, Montgomery-Downs HE

059 - PARENTING AT MIDNIGHT: PRELIMINARY VALIDATION OF THE NIGHT-WAKING STRATEGIES SCALE

Coulombe JA, Reid GJ

060 - PARENTING AT MIDNIGHT: PRELIMINARY VALIDATION OF THE NIGHT-WAKING VIGNETTES SCALE

Coulombe JA, Reid GJ

061 - PREDICTING MATERNAL PERCEPTIONS OF INFANT SLEEP PROBLEMS

Loutzenhiser L, Ahlquist A

062 - EARLY SLEEP AND MATURATION OF CIRCADIAN RHYTHMS AS PATHWAYS TO HEALTH AND WELLBEING

Paavonen EJ, Saarenpää-Heikkilä O, Pölkki P, Paunio T

063 - RELATIONSHIPS BETWEEN SLEEP AND DEVELOPMENTAL OUTCOME IN 12-MONTH-OLD INFANTS


064 - RELATIONSHIP BETWEEN THE AUTONOMIC NERVOUS SYSTEM (ANS) TONE AS A FUNCTION OF SLEEP-WAKING STAGES AND BODY MASS INDEX (BMI) IN HEALTHY PRESCHOOLERS


065 - INFLUENCE OF NOCTURNAL FEEDING IN PARASOMNIAS IN SCHOOL CHILDREN: PRELIMINARY DATA

Ruotolo F, Carvalho L, Ferreira VR, Prado L, Prado GF

066 - BREAST MILK IS BEST IN REGULATING BABY’S SLEEP

Sánchez CL, Cubero J, Sánchez J, Bravo R, Rivero M, Rodriguez AB, Barriga C

067 - PARENTAL KNOWLEDGE OF PEDIATRIC SLEEP DISORDER SYMPTOMS: AN ESTONIAN PILOT STUDY

Vaheer H, Veldi M, Kasenõmm P, Vasar V

III. Adolescents

068 - INSOMNIA IN ADOLESCENCE AND ADULTHOOD RELATED TO MILD SEXUAL HARASSMENT IN CHILDHOOD

Paiva T

069 - PORTUGUESE ADOLESCENTS’ SLEEP: HOW DO THEY FEEL, WHAT DO THEY KNOW AND WHAT DO THEY DO ABOUT IT?

Rebelo Pinto T, Morgado J, Rebelo Pinto H, Paiva T

070 - CULTURE VS. BIOLOGY: SLEEP PATTERNS IN ARAB AND JEWISH ADOLESCENTS IN ISRAEL

Shochat T, Tzischinsky O

071 - EFFECT OF EARLY SCHOOL TIMINGS ON MOOD AND PERFORMANCE OF STUDENTS

Singh R, Suri JC, Das S

072 - IS DAYTIME NAPPING A HEALTHY HABIT IN ADOLESCENTS?

Suri JC, Singh R, Sharma R, Das S

IV. Methodology

073 - PREDICTION OF OBSTRUCTIVE SLEEP APNEA USING THE PAEDIATRIC SLEEP QUESTIONNAIRE

Brockmann PE, Urschitz MS, Hattingen M, Manger M, Poets CF

074 - INTER-OBSERVER AGREEMENT OF ARTEFACT IN PAEDIATRIC HOME PULSE OXIMETRY STUDIES

Orgill J, Blackshaw M, Dorn R, Gringras P, Doherty G

075 - OXIMETRY PRIOR TO ADENOTONSILLECTOMY FOR OBSTRUCTIVE SLEEP APNEA

Edwards C, Elphick HE
076 - CHALLENGES IN THERMAL IMAGING BASED RESPIRATION RATE MONITORING
Elphick HE, Kingshott RN, Al-Kalidi FQ, Saatchi R

077 - THE PUPILLOGRAPHIC SLEEPINESS TEST: FEASIBILITY, PRELIMINARY REFERENCE VALUES, AND AGREEMENT WITH SUBJECTIVE MEASURES OF EXCESSIVE DAYTIME SLEEPINESS
Heine K, Urschitz MS, Brockmann PE, Weible K, Diem J, Peters T, Durst W, Poets CF, Wilhelm B

078 - DEVELOPMENT AND VALIDATION OF THE CHILD AND ADOLESCENT SLEEP CHECKLIST (CASC)
Horiuchi F, Oka Y, Sakurai S, Saito I, Tanigawa T

079 - ASSESSMENT QUESTIONNAIRE OF CHILDREN WITH SLEEP APNEA (TUCASA): TRANSLATION AND CULTURAL ADAPTATION
Leite J, Ferreira VR, Prado LF, Prado GF, Carvalho L

080 - DEVELOPMENT, ON-LINE DELIVERY AND EVALUATION OF GRADUATE CERTIFICATE IN PAEDIATRICSLEEP SCIENCE
Maul J, Stick SM, Wilson AC

081 - SETTING UP AND EVALUATING A HOME PAEDIATRIC SLEEP STUDY SERVICE (PHSS)
Maul J, Rosenheim E, Pestell M, Vine J, Homer L

082 - THE DESIGN, IMPLEMENTATION AND EVALUATION OF TWO SLEEP EDUCATION CAMPAIGNS TARGETING PARENTS AND THREE AND FOUR YEAR OLD PRESCHOOL CHILDREN
Newark M, Ball H

083 - RELATIONSHIP BETWEEN SLEEP PROBLEMS AND BEHAVIOR PROBLEMS: A SURVEY USING THE CHILD AND ADOLESCENT SLEEP CHECKLIST (CASC) AND STRENGTH AND DIFFICULTIES QUESTIONNAIRE (SDQ)
Oka Y, Horiuchi F

084 - DEVELOPMENT OF A NEW QUESTIONNAIRE TO EVALUATE ADOLESCENTS’ SELF-PERCEPTIONS, ROUTINES AND INFORMATION ABOUT SLEEP
Pinto TR, Morgado J, Pinto HR, Paiva T

085 - THE SLEEP OF SCHOOL CHILDREN – A GUIDE AND A DVD
Souza JC

086 - SLEEP PROBLEMS IN CHILDREN AND ADOLESCENTS USING THE SLEEP QUESTIONNAIRE
Choi SY, Kim DS, Ahn Y

087 - I-GER Q: STATISTICAL ANALYSIS OF PAEDIATRIC GASTROESOPHAGEAL REFLUX DISEASE QUESTIONNAIRE.
Vigo A, Malorgio E, Noce S

V. Medical disorders

088 - SLEEP RELATED DISORDERED BREATHING IN CHILDREN WITH CARDIOMYOPATHY
Al-Saleh S, Kantor PF, Chadha NK, Tirado Y, James AL, Narang I

089 - SLEEP DISORDERS IN CHILDREN WITH ATOPIC DERMATITIS: A QUESTIONNAIRE-BASED STUDY

090 - RESPIRATORY INSUFFICIENCY IN CONGENITAL MYOTONIC DYSTROPHY
Chau SK, Koo SD, Lee SL

091 - SLEEP DISTURBANCE AND EXECUTIVE FUNCTION IN CHILDREN WITH CYSTIC FIBROSIS
Holley S, Hill C, Connett G, Stevenson J

092 - NOCTURNAL HYPOXAEAMIA IN CHILDREN WITH SICKLE CELL DISEASE REFERRED TO A PAEDIATRIC SLEEP SERVICE
Doherty GM, Orgill J, Inusa B, Gringras P

093 - IRON STATUS AND NOCTURNAL OXIMETRY IN TANZANIAN PEDIATRIC SICKLE CELL ANEMIA PATIENTS
L’Esperance VS, Cox SE, Makani J, Soka D, Prentice AM, Hill CM, Kirkham FJ

094 - SLEEP CHARACTERISTICS IN CHILDREN WITH GH DEFICIENCY
Verrillo E, Bizzarri C, Cappa M, Bruni O, Pavone M, Ferri R, Cutrera R

095 - EFFECTS OF OXYGEN THERAPY ON CENTRAL SLEEP-DISORDERED BREATHING IN AN INFANT PRADER-WILLI SYNDROME COHORT
Urquhart DS, Wales P, Parsley C, Suresh S
096 - DEXAMETHASONE THERAPY FOR ACUTE LYMPHOBLASTIC LEUKEMIA INCREASED SLEEP DURING THE NIGHT AND DURING THE DAY IN YOUNG CHILDREN
Rosen G, Harris AK, Liu M, Krueger J, Messinger Y

097 - TEMPERATURE DYSREGULATION AS AN EXPLANATION FOR POOR SLEEP IN CHILDREN WITH ECZEMA
Camfferman D, Kennedy D, Gold M, Martin AJ, Lushington K

098 - SOCIOCULTURAL FEATURES AND CONSEQUENCES IN THE MEDICAL CARE OF A PATIENT WITH PRADER WILLI SYNDROM (PWS) IN THE PEDIATRIC SLEEPING LABORATORY
Schneider B; Blank C

099 - SLEEP ALTERATIONS DUE TO RADIOFREQUENCY ELECTROMAGNETIC RADIATION EXPOSURE DURING DEVELOPMENT

100 - FAMILIAL JOUBERT SYNDROME - RESPIRATORY MANIFESTATIONS
Rubino G, Madureira N, Estêvão MH

101 - DELTA INDEX AS A PREDICTOR OF OSAHS IN PAEDIATRIC SICKLE CELL ANEMIA
Gavlak J, Laverty A, Kirkham F

102 - SLEEP ORGANIZATION IS STILL ALTERED IN HEALTHY 10-YEAR-OLD CHILDREN WITH IRON-DEFICIENCY ANEMIA (IDA) IN INFANCY

103 - SLEEP PROBLEMS IN CHILDREN WITH ACUTE LYMPHOBLASTIC LEUKEMIA
Rosen G, Harris AK, Liu M, Krueger J, and Messinger Y

VI. Narcolepsy and excessive daytime sleepiness

104 - SLEEP DEPRIVATION AS THE MAJOR CONTRIBUTION FOR DAYTIME SLEEPINESS AMONG SCHOOL-AGED CHILDREN EVALUATED FOR OBSTRUCTIVE SLEEP APNOEA
Chau CSH, Koo SD, Lee SL

105 - FIRST PERSON ACCOUNTS OF CHILDHOOD NARCOLEPSY
Jurado MJ, Cambrodi R, Ferré A, Romero O

106 - SECONDARY NARCOLEPSY
Mazzala ME, Ferrea M, Varon J, Intruvini S

107 - COMPARISION OF SLEEP PATTERNS AND DAYTIME SLEEPINESS BETWEEN YOUNGER AND OLDER SIBLINGS
Meira e Cruz M, Fonseca J

108 - WHERE SLEEPINESS EVERY THIRD DAY IS NOT TRUELY SLEEPINESS
Murali HR

109 - NARCOLEPSY YOUTH AND PARENT SUPPORT GROUP: ENHANCING COPING AND TREATMENT COMPLIANCE
Mahon S, Kirk V

110 - UNUSUAL CAUSES OF EXCESSIVE DAYTIME SLEEPINESS
Ting A, Kingshott RN, Elphick HE

VII. Restless Legs Syndrome and Periodic Limb Movement Disorder

111 - RESTLESS LEGS SYNDROME ASSOCIATED WITH GRAVES’ DISEASE: A CASE REPORT.
Pereira Jr JC, Alves RSC

112 - DO LEG MOVEMENTS PREDICT SEVERITY OF SLEEP BREATHING DISORDERS?
Madureira N, Pinto A, Matias I, Estêvão SMH

113 - DEVELOPMENT OF A PARENTAL REPORT QUESTIONNAIRE FOR RESTLESS LEGS SYNDROME (RLS) IN CHILDREN: THE UNIVERSITY OF SOUTH AUSTRALIA RLSQ
Evans A, Blunden S

114 - LEG MOVEMENT ACTIVITY DURING SLEEP IN CHILDREN WITH ADHD IS NOT (YET?) PERIODIC
Ferri R, Novelli L, Bruni O, Picchietti MA, Walters AS, Picchietti DL
115 - EVALUATION OF ORAL IRON TREATMENT IN TWENTY-FOUR JAPANESE PEDIATRIC CASES WITH RESTLESS LEGS SYNDROME (RLS)

116 - PERIODIC LIMB MOVEMENTS IN SLEEP (PLMS) IN A TWO-YEAR-OLD BOY WITH FAMILIAL HISTORY OF RESTLESS LEGS SYNDROME (RLS). CLINICAL, ANALYTICAL AND PSG FINDINGS
Prieto-Prieto F, Soto-Cabrera E, Azzi H, Puertas-Cuesta FJ

117 - ASSOCIATION BETWEEN FERRITIN LEVELS AND MARKERS OF RESTLESS LEG SYNDROME AND PERIODIC LIMB MOVEMENTS OF SLEEP
Well A, Dore-Stites V, Hassan V, Hoban TF, Juan V, Felt B

118 - PERIODIC LIMB MOVEMENTS OF SLEEP IN CHILDREN TREATED WITH SELECTIVE SEROTONIN REUPTAKE INHIBITORS
Zarowski M, Vendrame M, Steinborn B, Kothare SV
14:00 – 15:30  UFFICIO GARANTE PRIVACY HALL
SYMPOSIUM

ABNORMAL BEHAVIORS/MOVEMENTS DURING SLEEP AND EPILEPSY
Chairpersons: Magda Lahorgue Nunes, Rosana Alves
RMD in children: diagnosis and treatment Raffaele Manni
REM Parasomnias Rosana C. Alves
Differential diagnosis between parasomnias and epilepsy Lino Nobili
Antiepileptic drugs and sleep Magda Lahorgue Nunes

14:00 – 15:30  CAPRANICHETTA HALL
SYMPOSIUM

ADHD AND SLEEP: NEW FINDINGS AND FUTURE DIRECTIONS FOR RESEARCH
Chairperson: Penny Corkum, Avi Sadeh
Sleep and ADHD in children and adolescents: future research Judith Owens
The role of individual differences in circadian tendency to sleep latency in children with ADHD Reut Gruber
Sleep and ADHD treatments I: effects of long acting MPH (biphentin) on questionnaire, actigraphy and PSG recordings Penny Corkum
Sleep and ADHD treatment II: differential and dose effects of long acting amphetamine, methylphenidate, and atomoxetine Mark A. Stein

15:30 – 17.00  UFFICIO GARANTE PRIVACY HALL
SYMPOSIUM

THE ADOLESCENT SLEEP DEPRIVED
Chairpersons: Jun Kohyama, Christian Guilleminault
Scope and impact of sleepiness on a college campus Shelley Hershner
The adolescent asynchronization Jun Kohyama
Changing sleep patterns in children and adolescents - Is it possible? Developing a winning strategy to overcome youth’s sleep deprivation Reut Gruber
Treating circadian rhythm disorders of teen-agers Christian Guilleminault

15:30 – 17.00  CAPRANICHETTA HALL
SYMPOSIUM

AROUSALS AND MECHANISMS OF SIDS
Chairperson: Rosemary Horne, Patricia Franco
Mechanisms for SIDS Brad Thach
Sleep and breathing in neonates - influence of thermal environment and maternal smoking Veronique Bach
Arousal from sleep and risk factors for SIDS Patricia Franco
Autonomic control during sleep and risk factors for SIDS Rosemary Horne

17:00 - 17:30 - BREAK
17:30 – 19.00  UFFICIO GARANTE PRIVACY HALL
SYMPOSIUM

SOCIAL AND CONTEXTUAL DETERMINANTS OF SLEEP DURATION IN CHILDREN: POTENTIAL IMPLICATIONS

Chairperson: Karen Spruyt, Dean Beebe

Sleep as the window on emotion and family: “Sleep duration and signs or risk of psychopathology” Karen Spruyt

Sleep as the window on development: “Infant sleep duration and growth” Avi Sadeh

Sleep as the window on cognition: “Neurobehavioral effects of chronic sleep restriction in adolescence” Dean Beebe

Sleep as the window on health: “Sleep duration and obesity risk” Sharad Taheri

17:30 – 19.00  CAPRANICHETTA HALL
SYMPOSIUM

DEFINING NORMAL AND ABNORMAL SLEEP AND BREATHING IN INFANCY

Chairperson: Joanna MacLean, Daniel Ng

Normal sleep in pre-term infants Christian Poets

Longitudinal follow-up of sleep and breathing in healthy, term infants Carolyn Daikin

Responding to stressors: how do healthy infants respond? Rosemary Horne

Consequences of abnormal sleep and breathing in early life Karen Waters

20:30. GALA DINNER

The Gala Dinner that will be served in Palazzo Ferrajoli an old palace of Rome within a short walking distance from the Congress Venue. Palazzo Ferrajoli is located on the southern side of Piazza Colonna, designed by Francesco Piparelli in 1627 and completed by Giovanni Antonio de Rossi in 1642.

Piazza Colonna is a piazza at the center of the Rione of Colonna in the historic heart of Rome. It is named for the marble Column of Marcus Aurelius which has stood there since 193 CE. The bronze statue of Saint Paul that crowns the column was placed in 1589, by order of Pope Sixtus V. The Roman Via Lata (now the Via del Corso) runs through the piazza’s eastern end, from south to north.

The piazza is rectangular. Its north side is taken up by Palazzo Chigi, formerly the Austro-Hungarian empire’s embassy, but is now a seat of the Italian government. The east side is taken up by the Palazzo Colonna, the south side is taken up by the flank of Palazzo Ferrajoli, formerly the Papal post office, and the little Church of Santi Bartolomeo ed Alessandro dei Bergamaschi (1731-35). The west side is taken up by Palazzo Wedekind (1838) with a colonnade of Roman columns taken from Veii.
SUNDAY DECEMBER 5th

08:15 – 09.45  UFFICIO GARANTE PRIVACY HALL
SYMPOSIUM
ORTHODONTIC ASPECTS IN PEDIATRIC SLEEP-DISORDERED BREATHING: IMPLICATIONS FOR DIAGNOSIS

Chairperson: Christian. Guilleminault, Christian Poets

Risk factors for SDB in childhood: the role of cephalometry Michael Urschitz

Who identifies the individual cause of SDB in a child: the otorhinolaryngologist, orthodontist, or sleep specialist? Christian Poets

Role of Orthodontic Treatments in paediatric SDB Makoto Kikuchi

Prevention of adult SDB in childhood: is it possible? Christian Guilleminault

08:15 – 09.45  CAPRANICHETTA HALL
SYMPOSIUM
ANTHROPOLOGICAL PERSPECTIVES ON CHILDRENS’ SLEEP

Chairpersons: Helen Ball, Carol Worthman

Mores and morals in the night nursery: cultural variation in the organization and evaluation of infant and child sleep Carol Worthman

Bradford Infant Care Study: sleeping environments and SIDS-risk among white british and south asian families Helen Ball

Sleep and cardiometabolic disease: who is at risk? Kristen Knutson

Parental regulation of child sleep: variation, consequences, and an evolutionary perspective Caroline Jones

9:45 – 10:00 - BREAK

10:00 – 11.30  UFFICIO GARANTE PRIVACY HALL
SYMPOSIUM
PHARMACOLOGICAL TREATMENT OF PEDIATRIC SLEEP DISORDERS

Chairpersons: Judith Owens, Leila Kheirandish-Gozal

Pharmacotherapy of insomnia Judith Owens

Pharmacological treatment of obstructive sleep apnea Leila Kheirandish-Gozal

Pharmacotherapy of hypersomnias Giuseppe Plazzi

Pharmacotherapy of parasomnias Oscar Sans Capdevila

10:00 – 11:30  CAPRANICHETTA HALL
SYMPOSIUM
DIFFERENT SLEEP TRAJECTORIES IN CHILDHOOD -FROM TYPICAL DEVELOPMENT TO ADHD, AUTISM AND OBESITY

Chairperson: Peter Fleming, Paul Gringras

The ontogeny of infant sleep-clock genes, melatonin and mothers Desaline Joseph

A UK cohort study on sleep patterns, their stability and their influences Pete Blair

Early sleep patterns and trajectories in children with ADHD and Autism Paul Gringras

Obesity and metabolic effects of different Sleep trajectories through childhood Sharad Taheri
The three-digit number corresponds to the number in the abstract book.

**11.30 – 13:00  UFFICIO GARANTE PRIVACY HALL  
ORAL SESSION**

**INSOMNIA IN CHILDHOOD AND ADOLESCENCE: TREATMENT AND PREVENTION**

Chair: Peter Fleming

# 025 The demographic characteristics associated with childhood sleep duration: a longitudinal English cohort Peter Fleming

# 026 Bedtime resistance in a pediatric sleep clinic referred population Barabara Felt

# 027 Preventive effects of a parent tip sheet on infant sleep patterns across the first 12 months: a pilot study Jackie Henderson

# 028 The complaint of DIMS in infants plays a secondary role in the wellbeing and parental concept of the complaining mothers Cristiano Violani

# 029 Efficacy of an internet-based intervention for infant and toddler sleep disturbances Jodi Mindell

# 030 Outcomes of “controlled comforting” at child age 6 years: randomised controlled trial Anna Price

# 031 Sleep habits and insomnia symptoms in college students James Rutigliano

# 032 Clinical significance of salivary Dim Light melatonin Onset (DLMO) measurements in children with idiopathic chronic sleep onset insomnia Marcel G. Smits

# 033 Do we need more training about sleep habits in children? Lourdes DelRosso

The three-digit number corresponds to the number in the abstract book.

**11.30 – 13:00  CAPRANICHETTA HALL  
ORAL SESSION**

**EVALUATION AND TREATMENT OF PEDIATRIC SLEEP DISORDERED BREATHING**

Chair: Christian Guilleminault

# 034 The AASM scoring criteria underscores pediatric sleep disordered breathing Christian Guilleminault

# 035 Usefulness of nasal resistance measurements for diagnosing obstructive sleep apnoea in children Paul Brockmann

# 036 Cephalometric and home sleep study (HSS) evaluation of patients with mandibular retrognathia Memikoglu Toygar

# 037 Craniofacial architecture in a group of children with sleep-related breathing disorders Katherine Lineros

# 038 Children with cleft lip and/or palate have smaller tonsils and more central apneas Joanna McLean

# 039 Impact of noninvasive nocturnal respiratory support and weight loss on metabolic parameters of obese children with obstructive sleep apnea Sheri L Katz

# 040 Successful use of auto-CPAP for home titration in children Manisha Witmans

# 041 Complications and failure rate of surgical treatment for obstructive sleep apnea syndrome in young infants Asher Tal

# 042 Parasomnias during NREM sleep and central sleep apnea secondary to Chiari I malformation treated successfully with surgery Robert Farney
VIII. Sleep breathing disorders

119 - PREGNANCY OUTCOMES OF MATERNAL OBSTRUCTIVE SLEEP APNEA
Carbone T, Cahill K, Violaris A

120 - EXPERIENCE OF CHILDREN WITH SLEEP DISORDERED BREATHING IN A SINGAPORE CHILDREN’S HOSPITAL
Goh A, Teoh OH, Tang J, Chan YH

121 - SNORING AND SLEEP-RELATED SYMPTOMS IN FINNISH SCHOOLCHILDREN
Lapinlampi AM, Himanen SL, Saarenpää-Heikkilä O

122 - SLEEP CHARACTERISTICS OF TODDLERS SUFFERING FROM MODERATE TO SEVERE OSAS BEFORE AND AFTER ADENOIDECTOMY AND / OR AMYDALECTOMY (ENT SURGERY)
Scaillet S, Devroede B, Mansbach AL, Dramaix M, Groswasser J

123 - SNORING IN INFANTS IS ASSOCIATED WITH LESS MATERNAL SLEEP DURATION, MORE MATERNAL CONCERN AND HIGHER MATERNAL POSTNATAL DEPRESSION SCORES

124 - NEUROCOGNITIVE-DEVELOPMENTAL ASSESSMENT AND POLYSOMNOGRAPHY IN CHILDREN WITH SNORING
Aslan AT, Soysal S, Geyik E, Kokturk O

125 - INFLUENCE OF AGE AND BMI ON NEUROPSYCHOLOGICAL AND BEHAVIORAL IMPROVEMENT AFTER ADENOTONSILLECTOMY IN CHILDREN

126 - DIFFERENCES BETWEEN PARENT AND TEACHER REPORTS OF BEHAVIOR IN SNORING CHILDREN
Kohler M, Kennedy JD, van den Heuvel CJ, Martin A, Lushington K

127 - DIAGNOSTIC CHALLENGES OF SLEEP APNEA IN CHILDREN AND INFANTS
Milkov M

128 - INSTITUTIONALIZATION OF RESEARCH IN THE FIELD OF SLEEP APNEA IN INFANCY AND CHILDHOOD
Milkov M, Tomov D

129 - COMPARISON OF OBSTRUCTIVE SLEEP APNEA BEFORE AND AFTER ADENOTONSILLECTOMY AMONG IRANIAN CHILDREN
Afaghi A, Galilolgard S

130 - HOMOZYGOTIC TWINS AND OBSTRUCTIVE SLEEP APNEA
Huang YS, Lin CH, Guilleminault C

131 - CARDIAC, LUNG AND BRAIN THROMBOSIS IN A CHILD WITH OBSTRUCTIVE SLEEP APNEA

132 - ACCIDENTAL DEATHS DURING SLEEP IN CHILDREN WITH HISTORY OF OSA AND VERY AGITATED SLEEP
Rambaud C, Guilleminault C

133 - UNPREDICTED DEATHS IN INFANTS AT TIME OF SLEEP AND ABNORMAL NASAL PASSAGES (B)
Rambaud C, Guilleminault C

134 - ON RESPIRATORY CYCLE RELATED EEG CHANGES (RCREC)
Motamedi Fakhr S, Moshrefi-Torbati M, Hill CM, Paul A, Hill M

135 - CENTRAL APNEA SYNDROME IN CHILDREN CLINICAL ASPECTS AND THERAPY
van den Bossche R, de Weerd Al

136 - IDIOPATHIC CENTRAL SLEEP APNEA IN PRE-SCHOOL CHILDREN
Gibson NA, Morley A, Davies PL
137 - CENTRAL SLEEP APNOEA- A MANIFESTATION OF EPILEPSY, AN IDIOPATHIC FORM OR A COMPLEX SLEEP APNOEA
Ferraz C, Estevão MH, Winck JC, Vaz LG

138 - RETRANED MANDIBLE CAN PREDICT SLEEP DISORDERED BREATHING EVENTS IN CHILDREN
Juliano ML, Machado MAC, Carvalho LBC, Ferreira VR, Prado LBF, Prado GF

139 - CRANIOCERVICAL POSTURE AND UPPER AIRWAY DIMENSIONS IN A GROUP OF CHILDREN WITH SLEEP-RELATED BREATHING DISORDERS
Hurtado M, Lineros K, Peirano P, Cortés J

140 - FACIAL PATTERNS AND PRIMARY NOCTURNAL ENURESIS IN CHILDREN
Esposito M, Precenzano F, Carotenuto M

141 - EFFECTS ON PULMONARY FUNCTION PERFORMANCES OF INTRANASAL CORTICOSTEROID THERAPY IN CHILDREN WITH OBSTRUCTIVE SLEEP APNEA SYNDROME
Tranchino V, Rizzi D, Tedeschi G, Amato O, Goffredo A, Brunetti L

142 - ANTIREFLUX THERAPY DECREASES OBSTRUCTIVE EVENTS IN CHILDREN WITH GASTROESOPHAGEAL REFLUX DISEASE
Wasilewska J, Kaczmarski M, Dębkowska K

143 - EFFECTS ON PULMONARY FUNCTION PERFORMANCES OF INTRANASAL CORTICOSTEROID THERAPY IN CHILDREN WITH OBSTRUCTIVE SLEEP APNEA SYNDROME
Tranchino V, Rizzi D, Tedeschi G, Amato O, Goffredo A, Brunetti L

144 - PAEDIATRIC HOME NON-INVASIVE VENTILATORY SUPPORT: EXPERIENCE IN A TERTIARY CENTRE IN HONG KONG
Koo SD, Chau SK, Lee SL

145 - ASSISTED BREATHING AMBASSADORS FOR YOUTH WITH DISABILITIES
Garcia J

146 - ROLE OF COBLATION IN THE MANAGEMENT SCHEDULE OF OBSTRUCTIVE SLEEP APNEA SYNDROME IN CHILDREN
Milkov M

147 - SLEEP AND BEHAVIORAL COMPLAINTS WITH A FOCUS ON TOOTH GRINDING/CLENCHING IN A PEDIATRIC ORTHODONTIC POPULATION

148 - THE EFFECT OF FUNCTIONAL ORTHOPAEDIC TREATMENT ON OROPHARYNGEAL AIRWAY DIMENSIONS AND SLEEP DISTURBANCE: A CASE REPORT
Zaimoğlu E, Memikoğlu UT, Köktürk O

149 - SLEEP, RESPIRATION, AND NOCTURNAL MOTOR SEIZURES IN JOUBERT SYNDROME: A CASE REPORT

150 - COMPLEX SLEEP APNEA IN JOUBERT SYNDROME: CHALLENGES IN MANAGEMENT
Peterson V, Super E, Link H

151 - OSA IN INFANTS WITH DOWN’S SYNDROME: TREATMENT WITH PALATAL PLATE AND OROFACIAL STIMULATION
Linz A, Bacher M, Buchenau W, Brockmann P, Urschitz MS, Poets CF

IX. Epidemiology

152 - PROCESS OF ENTRAINMENT IN THE EARLY STAGE OF LIFE HAS BEEN ALTERED IN THE MODERN SOCIETY
Kohyama J

153 - POORER HEALTH-RELATED QUALITY OF LIFE IN CHILDREN PRESENTING TO A PEDIATRIC SLEEP CLINIC
Carter A, Witmans M, Dick B, Young R

154 - CHILDREN’S SLEEP INWARDS
Oliveira L, Ferreira R

155 - SLEEP PATTERNS IN HOSPITALIZED CHILDREN
Potasz C, de Varela MJV, de Carvalho LB, do Prado LF, do Prado GF
156 - SLEEP PROBLEMS AND SLEEP HABITS IN 3 TO 6 YEARS OLD IRANIAN CHILDREN
Galilolgard SH, Hashemi S, Esmailzadehha N, Jahanihashemi H, Saffari F, Javadi M

157 - TIME FROM BEING PUT TO BED TO FALLING ASLEEP IS ASSOCIATED WITH BODY MASS INDEX IN 2-5 YEAR OLD CHILDREN AT HIGH RISK OF DEVELOPING OVERWEIGHT
Olsen NJ, Giese J, Buch-Andersen T, Oestergaard LM, Seeger C, Heitmann BL

158 - SLEEP HABITS AND SLEEP PROBLEMS IN CHILDHOOD OBESITY
Ruz Santos IA, Bacelis Zapata EI, Chalé Maldonado JD, Moo Estrella J

159 - PARENTAL BEHAVIOUR OF CHILDREN WITH SLEEP DISORDERS
Schlarb AA, Milicevic V, Brandhorst I

160 - THE COMPLAINT OF INFANTS’ DIMS PLAYS A SECONDARY ROLE IN THE WELLBEING AND PARENTAL CONCEPT OF THE FATHERS
Violani C, Buccí S, Mallia L, Lombardo C, Bruni O

161 - COMPARISON BETWEEN PARENTAL REPORT AND SELF REPORT OF SLEEP PROBLEMS USING THE SAME SLEEP QUESTIONNAIRE
Oka Y, Horiuchi F

162 - DAYTIME NAPS AND ACCIDENTAL FALL RISK IN YOUNG CHILDREN
Boto LR, Crispim JN, de Melo IS, Juvandes C, Rodrigues T, Azeredo P, Ferreira R

X. Sleep in psychiatric disorders

163 - EARLY SLEEP PATTERNS IN CHILDREN WITH AUTISTIC SPECTRUM DISORDERS: A LONGITUDINAL ENGLISH COHORT STUDY
Humphreys JS, Gringras P, Blair PS, Scott N, Henderson J, Fleming PJ, Emond AM

164 - A CONTROLLED STUDY OF SLEEP QUALITY IN SCHOOL-AGED CHILDREN WITH AUTISM AND THEIR SIBLINGS AND ASSOCIATIONS WITH MATERNAL DEPRESSION
Jobson M, Annaz D, McCaughey L, Davey P, Holley S, Hill CM

165 - TECHNICAL CONSIDERATIONS FOR THE EVALUATION OF CHILDREN WITH AUTISM SPECTRUM DISORDERS IN THE PEDIATRIC SLEEP LABORATORY
Salgueiro M, Correia A, Ferreira R

166 - ASSESSMENT OF THE INTAKE OF TRYPTOPHAN-ENRICHED CEREALS AND ITS INFLUENCE ON THE SLEEP OF AUTISTIC CHILDREN
Bravo R, Sánchez S, Franco L, Cubero J, Rivero M, Rodríguez AB, Barriga C

167 - SLEEP BEHAVIORS IN CHILDREN WITH AUTISM SPECTRUM DISORDER AND SEVERITY OF DEPRESSIVE MOOD OF THEIR PARENTS IN SOUTH KOREA
Chang SJ, Seo DS, Chae KY

168 - CHANGES IN SLEEP-WAKE PATTERNS AFTER THE EARTHQUAKE IN A GROUP OF CHILEAN ADOLESCENTS
Reyes S, Algarín C, Durán S, Chamorro R, Ponce R, Gahagan S, Peirano P

169 - SLEEP AND DAYTIME SLEEPINESS IN CHILDREN WITH DEPRESSION
Moo-Estrella JA Castaño MA, Campos Morales RM, Ulloa Flores RE, Valencia Flores M

170 - SLEEP DISTURBANCES IN CHILDHOOD – MENTAL ILLNESS IN ADULTHOOD?
Schlarb AA, Milicevic V, Brandhorst I, Schwerdtle B, Kübler A, Hautzinger M

171 - INSUFFICIENT SLEEP OF CHILDREN WITH PSYCHOPATHOLOGICAL PROBLEMS DURING SUMMER CAMP
Spruyt K, Grogan K, Raubuck D, Kennedy M, Seale R, Gozal D, Stein M

172 - DEPRESSIVE/ANXIOUS AND SLEEP DURATION TRAJECTORIES: A LONGITUDINAL STUDY DURING CHILDHOOD
Touchette E, Nantel-Vivier A, Falissard B, Tremblay RE, Montplaisir JY, Boivin M, Côté S

173 - SLEEP SYMPTOMS REPORTED IN CHILDREN DIAGNOSED ADD/ADHD IN A CLINICAL SETTING FROM THE YEARS 1992 TO 2009
Fisher BC
174 - THE JOINT EFFECTS OF SLEEP AND ADHD SYMPTOMS ON ACADEMIC PERFORMANCE.
Holley S, Hill C, Wood J, Stevenson J

175 - SLEEP IN CHILDREN WITH ATTENTION DEFICIT HYPERACTIVITY DISORDER: AN EXPLORATORY FAMILY BASED STUDY
Langley R, Hill C, Thompson M, Sonuga-Barke E

176 - SLEEP DISORDERS AND DAYTIME SLEEPINESS IN CHILDREN WITH ATTENTION-DEFICIT/ HYPERACTIVITY DISORDER: A TWO-NIGHT POLYSOMNOGRAPHIC STUDY WITH A MULTIPLE SLEEP LATENCY TEST
Prihodova I, Pacit I, Kemlink D, Skibova J, Ptacek R, Nevzimalova S

177 - PREDICTING ADHD FROM SLEEP PATTERNS AND BEHAVIOURS IN INFANCY AND EARLY CHILDEOOD
Scott N, Blair PS, Emond AM, Fleming PJ, Humphries JS, Henderson J, Gringras P

178 - ASSOCIATION BETWEEN SLEEP DISORDERED BREATHING AND ADHD
Tedeschi G, De Sario V, Tranchino V, Fornarelli F, Brunetti L

179 - LONG-TERM EFFECTS OF METHYLPHENIDATE ON THE SLEEP PROBLEMS OF TAIWANESE CHILDREN WITH ATTENTION-DEFICIT/HYPERACTIVITY DISORDER: EVALUATIONS BY BOTH SUBJECTIVE AND OBJECTIVE MEASUREMENTS
Huang YS, Tsai MH, Guilleminault C

180 - THE EFFECTS OF SUGAR ON ATTENTION OVER TIME: A PILOT STUDY
Rigney G, Blunden S, Banks S, Watson E.

XI. Sleep and neurodevelopmental diseases

181 - RESPIRATORY FUNCTION IN CHILDREN WITH SEVERE MOTOR DISORDERS USING NIGHT-TIME POSTURAL EQUIPMENT

182 - SLEEP DISORDERED BREATHING IN CHILDREN WITH EPILEPSY AND CEREBRAL PALSY
Wical B, Wical W, Schaffer L, Wical T, Wendorf H, Garcia J

183 - EVALUATION OF ACTIGRAPHY AGAINST POLYSOMNOGRAPHY IN CHILDREN WITH CEREBRAL PALSY
Orgill J, Blackshaw M, Gringras P

184 - NIGHT SLEEP AND CIRCADIAN RHYTHM IN PALSY CEREBRAL CHILDREN AFTER TRYPTOPHAN ENRICHED CEREAL ADMINISTRATION
Bravo R, Sánchez S, Franco L, Cubero J, Rivero M, Rodríguez AB, Barriga C

185 - THE PROBLEMS OF SLEEP IN PARENTS OF SEVERELY MENTALLY AND PHYSICALLY DISABLED CHILDREN
Miyata R, Kaneko S, Araki S, Kohyama J

186 - EVALUATION OF SLEEP ARCHITECTURE IN EPILEPTIC CHILDREN
Pereira AM, Koemmerer C, Ferri R, Bruni O, Palmini A, Nunes ML

187 - ANALYSIS OF SLEEP STRUCTURE, BEFORE AND AFTER EPILEPSY SURGERY, IN 3 PATIENTS WITH DRUG RESISTANT FOCAL EPILEPSY, WITH ONSET IN THE FIRST YEAR OF LIFE
Alverà S, Novelli L, De Palma L, Boniver C, Finotti E

188 - ATYPICAL PRESENTATIONS OF BENIGN CHILDHOOD EPILEPSY WITH ELECTRICAL STATUS EPILEPTICUS IN SLOW WAVES SLEEP
Vari MS, Janis S, Battaglia FM, Mancardi MM, Veneselli E, Baglietto MG

XII. Treatment of sleep and associated problems in childhood

189 - MELATONIN FOR CHRONIC IDIOPATHIC CHILDHOOD SLEEP ONSET INSOMNIA: IN SEARCH OF THE OPTIMAL DOSE
Smits MG, van Geijlswijk IM, van der Heijden KB, Egberts ACG, Korzilius HPLM

190 - MELATONIN TREATMENT FOR CIRCADIAN RHYTHM SLEEP DISORDER IN A BLIND CHILD WITH MULTIPLE DISABILITIES – A CASE REPORT
Gnidovec Stražišar B

191 - THE EFFECT OF A HIGH SUGAR DIET ON SLEEP QUALITY IN PREPUBESCENT GIRLS
Watson E, Blunden S, Banks S, Rigney G
192 - INTERVENTIONS TO MODIFY EATING HABITS, PHYSICAL ACTIVITY AND SLEEP IN COMBAT OF CHILDHOOD OBESITY: SYSTEMATIC REVIEW PRELIMINARY DATA
Ferreira VR, Figueiredo MRB, Ruatolo F, Yuaça K, Carvalho LBC, Prado LBF, Prado GF

193 - 6-YEAR-OLD OBESITY OUTCOMES OF AN INTERVENTION THAT IMPROVED INFANT SLEEP: RANDOMISED POPULATION-BASED TRIAL
Wake M, Price A, Clifford S, Ukoumunne O

194 - ASSOCIATION OF INFANT AND CONCURRENT SLEEP PROBLEMS WITH CHILD AND PARENT WELLBEING AT SCHOOL-ENTRY:

FOLLOW UP OF A RANDOMISED TRIAL
Price A, Hiscock H, Ukoumunne OC, Wake M

195 - A SLEEP SERVICE AND PROFESSIONAL TRAINING PROGRAMME TO ADDRESS SLEEP DIFFICULTIES IN CHILDREN WITH DISABILITIES
Ansell J, Vinnie EL, Northedge J

196 - A DEVELOPMENTAL APPROACH FOR CHILDREN’S SLEEP PROBLEMS: CHANGES IN SLEEP BEHAVIOUR, BEHAVIOUR PROBLEMS AND PARENTAL SLEEP QUALITY
Werner H
PERINATAL SLEEP DISRUPTION: CONSEQUENCES AND INTERVENTIONS
Chairpersons: Hawley E Montgomery-Downs, Louise M O’Brien
Snoring during pregnancy: it’s benign…isn’t it Louise M O’Brien
Disturbed sleep in pregnancy contributes to preterm birth Michele L Okun
Normative maternal postpartum sleep and daytime functioning Hawley E Montgomery-Downs
The TIPS (Tips for Infant and Parent Sleep) trial Robyn L Stremler

THE CONTRIBUTION OF SLEEP DISORDERS AND SLEEP STRUCTURE TO THE NEUROBEHAVIORAL PROFILE OF ADHD
Chairpersons: Rosalia Silvestri - Maria-Cecilia Lopes
Interictal discharges, seizures and disorders of arousal in ADHD Rosalia Silvestri
CAP alteration and microstructural instability of sleep in ADHD children with PLMD and RLS Cecilia Lopes
The interaction between sleep instability and cognitive functions in children with ADHD Silvia Miano

15:30 - 16:30. IPSA GENERAL MEETING

16:30 - 17:00. CLOSING REMARKS
NEXT PEDIATRIC SLEEP CONFERENCE MEETING

SAVE THE DATE

October 28-30, 2011

SEE YOU IN AMELIA ISLAND - FL
GENERAL INFORMATION

**Language.** The official language of the Congress is English. No simultaneous translation will be provided.

**Badges.** Access to all scientific sessions are only possible with your personal badge which you receive at the registration desk. Please always wear your badge!

**Mobile Phones.** Please be aware that mobile phones must be switched off during all sessions.

**Lunches.** Light lunch is included in the registration fee and served in the Hotel Nazionale restaurant.

**Internet Corner.** Some internet terminals are located in the Ufficio Garante Privacy Hall area and are available to all congress participants.

**How to reach Hotel Nazionale**
- **From Airport**
  Leonardo da Vinci (Fiumicino) airport is located 26 km (16 miles) southwest of the city. One of the most convenient ways to get into town is by the Stazione Termini direct train, which costs €11 one-way (every 30 minutes for a 30-minute ride).
  Official Taxis (white colored) to town cost at least 45-65 €. Please be aware of non-authorized taxi drivers that offer you a transfer to the city (you will pay a lot more!).
  Major Rental Car services are situated in the car park at Terminal C of the airport.
  The other airport, Ciampino Airport (located 25 km south-east of the city) is used mostly by budget airlines. A bus service connects it to Termini Station. Return journeys cost €13.50. Alternatively: €1 to Ciampino Station (for connection to Termini) and/or Anagnina metro stop.
- **From Termini train Station**
  Termini, Rome’s main railway station, is approximately 3 km from the Hotel. To reach the Hotel by taxi, the rate is approximately 15 euros and it takes about 10 minutes.

**REGISTRATION FEES (VAT included)**

<table>
<thead>
<tr>
<th>Congress Fee</th>
<th>On-site</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular</td>
<td>480€</td>
</tr>
<tr>
<td>IPSA members</td>
<td>360€</td>
</tr>
<tr>
<td>Student/Resident/Fellow/Nurse/Technologist</td>
<td>240€</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pre-Congress Course Fee</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular</td>
<td>300€</td>
</tr>
<tr>
<td>IPSA members</td>
<td>240€</td>
</tr>
<tr>
<td>Student/Resident/Fellow/Nurse/Technologist</td>
<td>180€</td>
</tr>
</tbody>
</table>

| Gala dinner                         | 72€      |

<table>
<thead>
<tr>
<th>Registration fees include</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance at scientific sessions</td>
</tr>
<tr>
<td>Congress documentations</td>
</tr>
<tr>
<td>Light lunch</td>
</tr>
</tbody>
</table>

**Opening hours Secretariat and Registration**
All documents will be given out to registered participants during the following opening hours:

- **Friday, 3 December 2010** 7.00 – 18.00
- **Saturday, 4 December 2010** 8.00 – 18.00
- **Sunday, 5 December 2010** 8.00 – 14.00
INSTRUCTIONS FOR SPEAKERS AND AUTHORS

Audiovisual Equipment / Speakers’ Ready Room

The Speakers’ Ready Room is located near the Ufficio Garante Privacy Hall. All lecture rooms will be equipped with a computer and a data projector for PowerPoint presentations. Presentations must be handed in via CD-Rom, DVD, USB memory stick at the Speakers’ Ready Room before the lecture. It is essential for the smooth running of the congress that all speakers hand in their PowerPoint presentations at least one hour before the beginning of the session. Speakers will have the opportunity to check their presentations on PCs available in the Speakers’ Ready Room.

Poster Sessions

Posters will be on display in two sessions. Presenters are kindly requested to stand by their poster during the Poster Session Time indicated below. The mounting and removal times are to be strictly adhered to. If the poster has not been removed by the end of the allocated removal time, it will be disposed of by congress staff. Material to mount the poster will be available in the poster area.

<table>
<thead>
<tr>
<th>Poster Sessions</th>
<th>Presentation Day</th>
<th>Presence at Poster</th>
<th>Poster No</th>
<th>Mounting Time</th>
<th>Removal Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session 1</td>
<td>Saturday 4th December</td>
<td>13.00 – 14.00</td>
<td>043 - 118</td>
<td>08:00 – 09:00</td>
<td>19:00 – 20.00</td>
</tr>
<tr>
<td>Session 2</td>
<td>Sunday 5th December</td>
<td>13.00 – 14.00</td>
<td>119 - 196</td>
<td>08:00 – 09:00</td>
<td>16:00 – 17:00</td>
</tr>
</tbody>
</table>
## ROME CITY INFORMATION

### Orientation
Rome is halfway down Italy’s western coast, about 20km (12mi) inland. It’s a vast city, but the historic centre is quite small. Most of the major sights are within a reasonable distance of the central railway station, Stazione Termini. It is, for instance, possible to walk from the Colosseum, through the Forum, up to Piazza di Spagna and across to the Vatican in one day, but you wouldn’t really want to. All the major monuments are west of the train station, but make sure you use a map. While it can be enjoyable to get off the beaten track in Rome, it can also be very frustrating and time-consuming. The Palatine Hill and the Forum are the centre of ancient Rome. Via del Corso runs north from the Forum to Piazza del Popolo, with the Spanish Steps and the Trevi Fountain just to its east. The Vatican is northwest of the Forum.

### Transport
The city bus company is ATAC, and most of the main buses terminate at the bus station outside Stazione Termini where you can get a map of the bus routes. Buses run from around 6am to midnight, with some services running throughout the night. The city’s Metro service has two lines, A and B, both of which go through Termini. It operates from 5:30am-11.30pm (Sat 12:30am).

A bus ticket is also valid for the city’s Metro and train services. You need to buy your ticket from a tobacconist, newsstand or vending machine before you get on the train or bus - there are hefty fines for travelling without a ticket, even if you are a dumb foreigner. Driving in Rome is the next best thing to suicide - especially on a motorbike. Most of the historic centre of Rome is closed to normal traffic, although you will be allowed to drive to your hotel. You’ll need to get a parking permit from the traffic police if you wish to park anywhere in the centre, or you’ll risk being towed.

There are several rental agencies for cars, motorbikes and bicycles. If you’d rather leave the driving to someone else, you can pick up a cab from one of the city’s many taxi ranks or phone one any time of day. If you call a cab, the meter is turned on as soon as you call, rather than when you are picked up.

### Weather
Rome’s mild climate makes it easy to visit year around; however, spring and autumn are without doubt the best times to visit, with generally sunny skies and mild temperatures. July and August are unpleasantly hot (many Romans desert the city in August, so many businesses close at this time); from December to February there is briskly cold weather, although it’s rarely grey and gloomy.

### Health & Safety
Rome is not a dangerous city but pickpockets and bag-snatchers are active. Wear a money belt under your clothing and wear your bag across your body. Watch out for groups of disheveled-looking women and children carrying bits of cardboard which they use to distract you while they swarm around and pickpocket with lightning speed. If you are being targeted by a group, either cross the street, or shout ‘Va via!’ (‘Go away!’) in a loud, angry voice. Be careful on crowded buses (the No 64 bus, which runs from Stazione Termini to the Vatican, is notorious), the Metro (head for the end carriages, which are less crowded) and busy market areas. Simply do not carry any money or valuables in your pockets and be very careful about your bags, even in hotels. Parked cars, particularly with foreign number plates or rental company stickers, are also prime targets for thieves. Try removing or covering the stickers, leave a local newspaper on the seat to make it look like a local car and opt for supervised car parks. Beware of dodgy shopkeepers short-changing you. Acquaint yourself with euro denominations and count your change carefully.

### Tipping
You are not expected to tip but it’s common (in bars, for example) to leave a small amount: €0.20 or €0.40. If there is no service charge, the customer might consider leaving up to a 10% tip. Tipping taxi drivers is not common practice but you should tip the porter at higher-class hotels.
Arrivederci Roma,
Goodbye, goodbye to Rome . . .

City of a million moonlit places,
City of a million warm embraces,
Where I found the one of all the faces,
Far from home!

Arrivederci Roma,
It's time for us to part,

Save the wedding bells for my returning,
Keep my lover's arms outstretched and yearning,
Please be sure the flame of love keeps burning,
In her heart!
(Perry Como)
Congress of the International Pediatric Sleep Association
joint meeting with Pediatric Sleep Medicine Conference
Rome 3-5 December 2010
Hotel Nazionale - Piazza Montecitorio, Rome (Italy)

CONGRESS FACULTY MEMBERS
Alves R. (Brasil)  Horne R. (Australia)  Ng D. (Hong Kong)
Bruni O. (Italy)  Huang YS. (Taiwan)  Nunes M. (Brasil)
Chervin R. (USA)  Kheirandish-Gozal L. (USA)  Owens JA. (USA)
Franco P. (France)  Kohyama J. (Japan)  Peirano P. (Chile)
Guilleminault C. (USA)  Mindell JA. (USA)  Sadeh A. (Israel)

LOCAL SCIENTIFIC COMMITTEE
Oliviero Bruni, Raffaele Ferri, Luana Novelli, Elisabetta Verrillo

IPSA BOARD OF DIRECTORS
President  Bruni Oliviero (Italy)
Secretary  Franco Patricia (Belgium/France)
Vice President  Guilleminault Christian (USA)
Directors  Chervin Ronald (USA); Gozal David (USA); Sadeh Avi (Israel); NG Daniel (Hong Kong); Peirano Patricio (Chile); Lahorgue Nunes Magda (Brazil); Horne Rosemary (Australia)

Official Agency and Management:
NICO Congressi Via Aurora, 39 - 00187 Rome
Phone +39 06 48 90 64 36 - Fax +39 06 48 21 566 E-mail: info@nicocongressi.it
NICO is present with a desk during the meeting for assistance onsite.