

Time	Day1 December 1, 2020
10:00 - 11:00	<p>Opening. Chair organising committee: Peter van den Hazel Plenary 1: Perinatal exposures 1) Joan Grimalt, Natalia Bravo, Valery Chashchin and Jon-Øyvind Odland. 4,4'-DDT effects in the newborns as consequence of maternal accumulation of organohalogen pollutants in Arctic areas (Chukotka, Russia) 2) Gemma Calamandrei, Laura Ricceri and Anna Maria Tartaglione. Transplacental exposure to endocrine disruptors and gender-associated effects on brain development 3) Michael Bloom, John Vena, Ron Wapner, Sarah Commodore, Pamela Ferguson, Roger Newman, Brian Neelon and Kelly Hunt. Environmental Exposures During Pregnancy and Childhood Outcomes: the ECHO - NICHHD Fetal Growth Studies (ECHO-NFGS)</p>
11:00 -12:00	<p>Plenary 2: Burden of disease 1) Mercè Garí, Kinga Polańska, Wojciech Hanke, Agnieszka Jankowska, Holger M. Koch, Claudia Pálmke, Malgorzata Waszkowska, Stephan Bose-O'Reilly, Gemma Calamandrei. Bisphenol A and phthalate exposure and neurodevelopmental outcomes in early school age children from Poland 2) Jonas Schubert. "Children's right to a healthy environment – A new frontier" 3) Stephan Bose-O'Reilly, Inga Wermuth and Viola Mambrey. Extreme weather and their impact on mental health of children and adolescents in Germany</p>
12:00 - 15:00	Lunch break
15:00 - 16:00	<p>Plenary 3: Air pollution: 1) Barend L van Drooge, Joan O. Grimalt and Esther Marco. Air quality in urban primary schools in Barcelona: their exposure to toxic aromatic hydrocarbons and other organic compounds 2) Johan Eklund, David Olsson, Camilla Andersson, Bertil Forsberg and Hans Orru. Near-surface ozone effect on preterm birth – health impact assessment in 30 European countries 3) Ana Ortigoza, Nelson Gouveia, Javier Prado Galbarro, Amelia Augusta Friche, Josiah Kephart and Ana Diez Roux. Relationship between PM2.5 and under- five, infant, and child mortality in Latin American cities: evidence from the SALURBAL study</p>
16:00 - 17:15	<p>Key note: . Bruce Lanphear. Toxic chemical and brain development & Markus Brüngel presentation sponsored by HIPP Plenary 4 1) Devon Payne-Sturges. Intervening on cumulative environmental neurodevelopmental risks: Introducing a complex systems approach</p>
Time	Day2: 2nd December
10: 00 - 11:00	<p>Plenary 5: 1) Ricardo Assunção, Carla Martins, Ana Costa, Marthe De Boevre, Arnau Vidal, Sarah De Saeger, Paula Alvito, Cristina Vidigal, Elisabete Lamy and Carla Nunes. earlyMYCO – a mother & child cohort in Portugal 2) Eunhee Ha -Current status of national birth cohort in Korea and future perspectives 3) Ana Rivas Velasco, Yolanda Gálvez Ontiveros, Laura Martín Pozo, Alba Martínez Burgos, Ana López Moreno, Alfonso Torres, Celia Monteagudo Sánchez, Antonio Suárez, Margarita Aguilera Gómez and Alberto Zafra Gómez. Analysis of bisphenols with endocrine disrupting activity in plastic packaged children food samples</p>
11:00 -12:30	<p>Key-note David Gee, formerly EEA, Children in their Environments 1999-2019: late lessons from early warnings? Plenary 6: 1) Marija Jevtic and Catherine Bouland. Climate change emergency, children's health (well-being) and SDGs: Roadmap for action 2) Wim Zeiler. Indoor Air Quality conditions within the baby beds of Day care centers</p>
12:30 - 15:00	Lunchbreak
15:00 - 16:00	<p>Keynote: Merete Eggesboe. Children under double attack: toxicants and the gut microbiome Plenary 7: 1) Kinga Polańska, Pawel Kaluzny, Adrien M. Aubert, Jonathan Y. Bernard, Liesbeth Duijts, Hanan Marroun, Wojciech Hanke, James R. Hébert, Barbara Heude, Agnieszka Jankowska, Giulia Mancano, Sara M. Sara M. Mensink-Bout, Caroline Relton, Nitin Shivappa, Matthew Suderman, Elzbieta Trafalska, Ewelina Wesolowska, Raquel Garcia-Esteban, Mònica Guxens, Maribel Casas and Catherine M. Phillips. Maternal dietary inflammatory potential and quality during pregnancy and offspring neuropsychomotor development and mental health: an individual participant data meta-analysis of five European cohorts 2) Sophie Wins, Iris Eekhout, Paula van Dommelen, Eelco Kuijpers, Anjoeka Pronk and Paul Verkerk. Early-life exposures and child development in the first 1000 days of life 3) Eva Sugeng, Marijke de Cock, Pim Leonards and Margot van de Bor. Bisphenol-A bis(diphenyl phosphate) and resorcinol bis(diphenyl phosphate) flame retardant exposure and children's behavior at 18 months</p>
16:00 - 17:00	<p>Plenary 8: Health problems in children related to mining. 1) Myriam Tobollik, Nadine Steckling-Muschack, Dennis Shoko, Viola Mambrey, Dingani Moyo and Stephan Bose-O'reilly. Children's health in mining areas in Zimbabwe – results of a qualitative survey in Kadoma and Shurugwi, 2019 2) David F Goldsmith, Afoma Mbanefo, Devarshi Jatin Pandya, Leona Stockey, Aileen Lg Guzman and Shilpi Misra. Making Children's Participation in Artisanal Gold Mining a Global Public Health Priority 3) Shilpi Misra and David Goldsmith. Pediatric Mercury Exposure Among Children Involved in Artisanal and Small-Scale Gold Mining 4) Richard Fuller. The Toxic Truth - UNICEF/Pure Earth report which finds 1/3 of children globally are lead poisoned</p>

17:00 - 17:15	Closing Session: The 10th International Conference on Children's Environmental Health	
Pre-recorded sessions	Pre-recorded sessions - grouped by topic	
Online December 1	<p>Session: Chemicals Byron Fuentes, Silvia Valentini, Andria Naridazde, Marta Senofonte, Tago Ugulava, Alessandro Alimonti, Elena De Felip and Anna Pino. Use of MC-ICP-MS to identify lead isotope ratio in blood samples of children</p> <p>Temitope Laniyan and Adeniyi Adewumi. Health risk assessment of Heavy metals in children living in an artisanal mining environment, Northeast, Nigeria</p> <p>Xavier Rodó, Albert Navarro-Gallinad, Joan Ballester, Sílvia Borràs. Particulate matter dynamics and chemistry drive Kawasaki disease epidemiology in Japan</p> <p>Natalia Bravo, Joan O. Grimalt, Mazej Darja, Tratnik Janja S. and Horvat Milena. Organophosphate and pyrethroid distributions in mothers and their children</p> <p>Dong-wook Lee, Yun-Chul Hong. Prenatal exposure to di-(2-ethylhexyl) phthalate and decreased skeletal muscle mass in 6-year-old children</p> <p>Aziza Menouni, Radu Corneliu Duca, Imane Berni, Lode Godderis and Samir El Jaafari. Launching the Parental Pesticides and Offspring Epigenome Study in Morocco : initiation of a birth cohort for pesticides exposure assessment</p>	<p>Session: Success stories of our activities (tobacco smoke, air pollution); Agnieszka Jankowska, Kinga Polańska and Dorota Kaleta. Trends of e-cigarettes and tobacco use among secondary and high school students from Poland over three years observation</p> <p>Joan Grimalt, Esther Marco and Barend van Drooge. Electronic cigarette vaping and composition of indoor organic pollutants, particles and exhaled breath of bystanders</p> <p>Machiko Minatoya, Chihiro Minashita, Atsuko Araki, Yu Ait Bamai, Sumitaka Kobayashi and Reiko Kishi. Urinary cotinine levels of Japanese school children and associated demographic characteristics: the Hokkaido Study</p> <p>Selda Mercan, Murat Yayla, Ahmet Özgür Dogru, Faruk Ascioglu and Hayriye Ertem Vehid. Association between urine inorganic element levels of children and distribution by districts of Istanbul city: A five-year retrospective study</p> <p>Bilge Bozkurt, Ahmet Ozgur Dogru, Ufuk Altunbas, Dursun Zafer Seker and Mehmet Ocakci. Examination of the spatial parameters pushing the children in to crime utilizing geoinformation technologies</p>
Online December 1	<p>Session: Mining and children John Yabe, Shouta Mm Nakayama, Yared B. Yohannes, Hokuto Nakata, Haruya Toyomaki, Nosiku Sipilanyambe-Munyinda, Kaampwe Muzandu, Andrew Kataba, Tiza Mufune and Mayumi Ishizuka. Impact of Childhood Lead Toxicity and Exposure Variations among Household Members in Kabwe, Zambia</p> <p>Josephine Singo. The environmental threats to, children and adolescents in artisanal mining communities</p> <p>Session: Nutrition Nosiku Sipilanyambe Munyinda, Brenda Kaniini, Allan Mbewe, Jessy Zgambo, Grace Mwanza and Monika Mansson. Climate Change, Cooking and heating energy options and their reported associated human health outcomes on residents and children of Matero Township in Lusaka, Zambia</p> <p>Given Moonga, Stephan Bose-O'reilly, Ursula Berger, Kenneth Hartgen, Charles Michelo, Dennis Nowak, Uwe Siebert, John Yabe and Johannes Seiler. Modelling chronic malnutrition in Zambia- a distributional regression approach</p>	<p>Session: miscellaneous Burcu Kucuk Bicer. Adolescent Pregnancy and Impact on Health</p> <p>Dominik Braun, Maximilian Eiser, Doris Marko and Benedikt Warth. Longitudinal multi-mycotoxin exposure assessment in breast milk</p> <p>Joëlle Le Moal, Rigou Annabel, Sarah Gorla, Alain Le Tertre, Perrine De Crouy-Chanel, Marie Simon, Abdelkrim Zegnoun, Jean-Claude Carel, Juliane Léger and Mélina Le Barbier. Monitoring several child diseases in France for environmental health purposes: overview and perspectives</p> <p>Tianyu Zhao, Iana Markevych, Marie Standl, Tamara Schikowski, Dietrich Berdel, Sibylle Koletzko, Dennis Nowak and Joachim Heinrich. Exposure to ambient ozone and hormones in children</p> <p>Dennis Shoko. Review of climate change manifestations and significant children's health threats in Zimbabwe</p> <p>Lucia Coppola, Lorella Ciferri, Sabrina Tait, Serena Tulini, Monia Perugini, Enrica Fabbrizi and Cinzia La Rocca. Exposure of girls to pesticides: health outcome and toxicological evaluation</p> <p>Zailina Hashim. Towards Sustainable Development: Current Issues and Challenges of Children's Environmental Health in Malaysia</p>
	Posters	
	Adekunle Fakunle, Nkosana Jafta and Rajen Naidoo. Association of Childhood pneumonia with exposure to Indoor environmental factors: A case-control study	
	Ahmet Ozgur Dogru, Elif Nisa Ozkiliç, Okay Ozdilek and Dursun Zafer Seker. Exploring the spatial accessibility of the health care services provided for children in	
	Alberto Cárceles-Álvarez, Juan Antonio Ortega-García, Miguel Felipe Sánchez-Sauco, Estefanía Aguilar-Ros, Ainara Sanz-Monllor, Fernando Antonio López-Hernández and José Luis Fuster-Soler. Environment, lifestyle behavior and health-related quality of life in childhood and adolescent cancer survivors of extracranial	
	Alberto Cárceles-Álvarez, Juan Antonio Ortega-García, Miguel Felipe Sánchez-Sauco, Estefanía Aguilar-Ros, Ainara Sanz-Monllor, Fernando Antonio López-Hernández and José Luis Fuster-Soler. Impact on the physical health and quality of life of young people due to flooding in the Mar Menor, Spain.	
	Alessandro Morganti, Sara Grammatica, Marco Gola and Stefano Capolongo. Walkability for Autism: building an evaluation tool to assess urban accessibility for users with Autism Spectrum Disorder	
	Atar Singh Pipal, Madhu Anand and Ajay Taneja. Maternal exposures to fine particulate matter (PM2.5) and its effects on preterm birth and birth mass	

Carmen Velez Vega, Irene Lafarga, Jazmin Diaz, Jose Cordero and Michael Welton. The impact of natural disasters on maternal health: Hurricanes Irma and María in Puerto Rico
Farah Gul, Hameed M Durrani, Sehar Ashraf, Kholoud Janjua, Razia Safdar and Fouzia Sadiq. Out of home eating habits of children; evidence from economically compromised settings of Islamabad, Pakistan
Fatemeh Yousefian, Yunesian, Mahvi, Amini, Hassanvand and Homa Kashani; Long-term exposure to ambient air pollution and autism spectrum disorder in children: A case-control study in Tehran, Iran
Ferran Campillo i López, Anton Foguet i Vidal and Anna Gelis i Pujolar. Launching a new Pediatric Environmental Health Specialty Unit in Europe: the experience in the Garrotxa Region, Catalonia
Funda Gacal and Çiğdem Çağlayan. Benefits of Reducing PM10 Pollution to WHO Standards for Children Health in Turkey
Gredia Huerta-Montanez, Zaira Rosario, Ishwara Ayala, Abigail Figueroa, Natacha Guilloty, Carmen M.Vélez-Vega, Akram Alshawabke, José F.Cordero. The Center for Research on Early Childhood Exposure and Development (CRECE): Detecting Health Outcomes in Children
Hans Orru, Triin Veber, Kaja Julge, Tiina Rebane, Marje Muusikus, Marek Maasikmets, Aser Sikk, Diana Sudakova, Tanel Tamm, Daiga Parsova, Märten Lukk, Kristina Aidla, Leena Albreht, Jüri Ruut and Jelena Tomasova. Schoolchildren respiratory health and allergies related to air quality in industrial area of Estonia
Imane Berni, Radu Duca, Aziza Menouni, Lode Godderis, Matteo Creta and Samir El Jaafari. Characterising glyphosate exposure among children living in farm household's in Morocco
Kam Sripada and Abheet Solomon. Children's Right to a Safe and Clean Environment: Analysis of United Nations Commission on the Rights of the Child Reports, 1992-2020
Kinga Polańska, Wojciech Hanke, Agnieszka Jankowska, Jolanta Gromadzinska, Wojciech Wasowicz, Beata Janasik, Renata Kuras, Malgorzata Waszkowska, Gemma Calamandrei and Mercè Garí. Toxic metals and micronutrients during pregnancy and neurodevelopmental outcomes in early school age children from Poland
Leona Stockey, David Goldsmith and Rick Neitzel. Challenges in Assessing Exposure in Child Gold Miners
Lucia Coppola, Lorella Ciferri, Sabrina Tait, Serena Tulini, Monia Perugini, Enrica Fabbrizi and Cinzia La Rocca. Exposure of girls to pesticides: health outcome and toxicological evaluation
Madhu Anand and Ajay Taneja. Environmental Exposure to Organochlorine Pesticides and Pre-term Births
Marta Jagodic, Janja Snoj Tratnik, Doris Potočnik, Darja Mazej, Tome Eftimov, Nives Ogrinc and Milena Horvat. Fatty acid composition of human milk as a biomarker of seafood consumption – an example from coastal and inland areas of Slovenia
Marta Senofonte, Flavia Ruggieri, Anna Pino, Joaquim Rovira, Gemma Calamandrei, Fiorino Mirabella, María Ángeles Martínez, José L. Domingo, Marta Schuhmacher and Beatrice Bocca - Maternal blood levels of trace elements, passage in cord blood and predictors of exposure associated
Maximilian Edlinger, Hanna Mertes, Stephan Boese-O'Reilly and Julia Schoierer. Climate change and children's health in pediatric practice
Miguel Felipe Sanchez Saucó, Alberto Cárceles-Alvarez, Juan Antonio Ortega-García, Estefanía Aguilar Ros, M ^a Angeles Melgarejo-Lopez and Ainara Sanz-Monllor. The Hoja Verde as a drug detection tool in the critical periods of pregnancy
Olamide Omigbile, Fakunle Adekunle and Charity Slias. Sociodemographic determinants of acute lower respiratory tract infections among children under five
Rita Sketerskiene, Justina Racaite, Ruta Maceinaite and Gene Surkiene. Ensuring safe and healthy school environment: a good practise example from Lithuania
Santiago Asenjo, Olivier Nuñez, Jordi Segú-Tell, Elena Pardo Romaguera, Alberto Cárceles-Álvarez, Javier García-Pérez, Juan Antonio Ortega-García and Rebeca Ramis. Cadmium (Cd) and Lead (Pb) topsoil levels and childhood leukemias incidence
Selda Mercan, Murat Yayla, Ahmet Ozgur Dogru, Faruk Asicioglu and Hayriye Ertem Vehid. Five-year retrospective assessment of chronic inorganic element exposure from hair of children living in Istanbul

