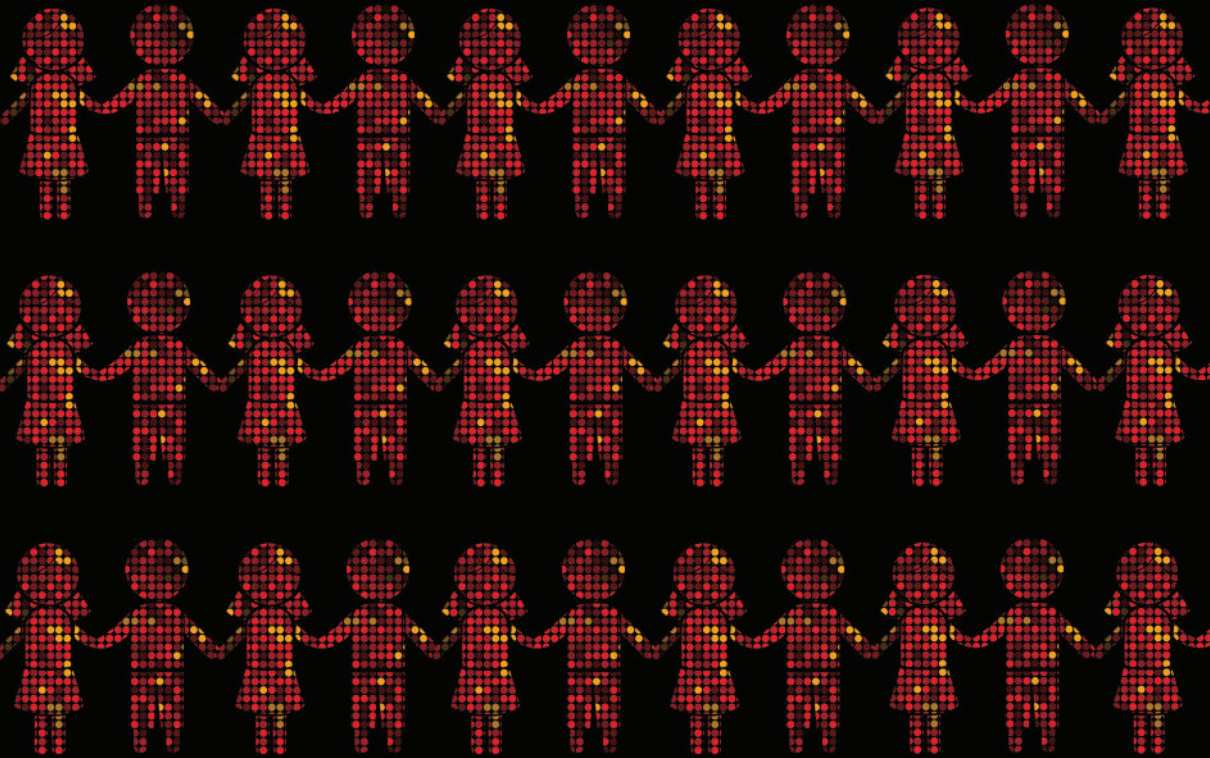


L4



2014

16th October



L4H 2014
LIGHT & PEDIATRICS



LIGHT AND PEDIATRICS

16 October, 2014

09.00-09.30 **Registration**

09.30-10.00 **“How do we probe the neonatal brain with light?”**

Turgut Durduran

Medical Optics. ICFO

10.00-10.30 **“Monitoring of cerebral oxygenation in preterm infants - is it clinically useful?”**

Gorm Greisen

Department of Neonatology. Rigshospitalet. University of Copenhagen

10.30-11.00 **Coffee Break**

11.00-11.30 **“Shedding light on the newborn brain”**

Topun Austin

Department of Obstetrics and Gynaecology and Department of Paediatrics
Cambridge University

11.30-12.00 **“Shining a light on critical illness in Pediatrics”**

Daniel Licht

Pediatric Neurology. Children’s Hospital, Philadelphia

12.00-13.00 **Lunch**

13.00-14.00 **Round Table: “Challenges and unmet needs: where technology still has to come”**

Chair: Turgut Durduran

Participants: Gorm Greisen, Daniel Licht and Héctor Boix (Neonatal Intensive
Care Unit, Hospital Vall d’Hebron. Barcelona)

14.00-15.00 **Round Table: “Current realities and opportunities for light-based technologies
in pediatrics”**

Chair: Eduard Gratacós (BCNatal. Hospital Clínic and Hospital Sant Joan
de Déu. Universitat de Barcelona)

Participants: Alessandro Torricelli (Physics Department. Biomedical Optics.
Politecnico di Milano), Martin Wolf (Biomedical Optics Research Laboratory.
Clinic of Neonatology. University Hospital Zurich), Turgut Durduran
(Medical Optics. ICFO), and Udo Weigel (Hemophotonics. Barcelona)

15.00-15.15 **Closing remarks**

