



VIRTUAL AND AUGMENTED REALITY IN PEDIATRICS AND PEDIATRIC SURGERY

November 15, 2018 | Workshop

Programm

Chairs: Dr. Judith Lindert | Prof. Dr. rer. nat. Tilo Mentler | Dr. med. Ludger Tüshaus

13:00 - 13:30 Registration and Coffee & Tea

13:30 -- 15:00 "Reality bites" in 2018

VR, AR and Gamification in Health: Usability and User Experience
Prof. Dr. rer. nat. Tilo Mentler, Lübeck, Germany

Why does VR and AR actually work?
Dr. med. Joachim Suß, Hamburg, Germany

Application example Virtual Reality
Dr. Chris Paton, Oxford, UK

Application example Augmented Reality
Dr. med. Nadine Haram et al., London, UK

Application example Mixed Reality
Susann Hüttner, Berlin, Germany

15:30 - 16:00 Break for coffee and sugar

16:00 - 17:00 Pediatric VR & AR solutions in 2030

Small group work accompanied by one clinical and one technical advisor.

Potential case studies:

- training in neonatal surgery, pediatric orthopedics/traumatology
- the use of VR/AR in pediatric interventions
- multiuser VR/AR for team training

Participants are invited to bring in their own ideas.

17:00 - 18:00 Wrap-up with short presentations of solutions for 2030

Further Information: www.pedmeddev.org/scientific-program/workshops

Please register online until November 14, 2018 | www.pedmeddev.org/registration

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