

SACD Research Day – 22nd January 2026

Location: UniS, Schanzeneckstrasse 1, 3012 Bern (room A022)

8:45 Welcome from the organization committee – Sebastian Grunt & Petra Marsico

9:00 **Keynote Lecture** by Prof. Dr. Annemieke Buizer, Amsterdam UMC, The Netherlands

9:40-10:40 **Block 1: Presentation of study protocols & preliminary results** – Chair: Petra Marsico

- **Mathieu Bourgeois:** “Quantitative assessment tools for lower-limb locomotor tasks in children with cerebral palsy: a systematic review”
- **Bele Gilka:** “Reliability and validity of the German version of the “Dyskinesia Impairment Scale, Second Edition” in children with dyskinesia”
- **Natalie De Beukelaer:** “Quantification of infant motor behavior: the development of mobile Babylab”
- **Nawale Hadouiri:** “ENABLE: A European project for a motion analysis and AI-assisted telerehabilitation application in children with cerebral palsy”
- **Vera Kälin:** “Capturing Information about Child and Youth Involvement Through AI”
- **Kevin Möri & Kim Lory:** “Quantifying Interlimb Movement Patterns of Children With Spastic Hemiparesis”

10:40-11:00 **Coffee Break**

11:00-12:00 **Block 2: Presentations of preliminary result studies** – Chair: Sebastian Grunt

- **Martha Montalbetti:** “Investigating Age-Dependent Effects on Body Awareness in Typically Developing Children”
- **Selina Gredig:** “Participation in Everyday Life – Multi-perspective Insight into the Experiences of Children with Cerebral Palsy in Switzerland”
- **Alisa Gschaidmeier:** “How to measure the neuromodulatory effect of Sensory Afferent Electrostimulation (SAES) using Transcranial Magnetic Stimulation (TMS) – Preliminary Results”
- **Sandra Hunziker:** “From Survey to Screen: Creating Accessible Information for Families of Children and Adolescents with Cerebral Palsy”
- **Saskia Salzmann:** “2-Year Recovery Trajectory Following Pediatric Stroke”
- **Mathieu Bourgeois:** “Defining clinically relevant functional tasks and outcomes for monocular video assessment in children with cerebral palsy: a Delphi consensus study”

12:00-13:15 **Lunch at UniS Bar Lounge**

13:15-14:05 **Block 3: Presentations of finalized studies** – Chair: Sandra Hunziker

- **Johanna Linimayr:** “Siblings of children with cerebral palsy: A qualitative study on participation experiences in Swiss families”
- **Charlotte Martin:** “Learning About Their Condition: The Gradual Path of Young People With Childhood-Onset Motor Disabilities”
- **Vera Kaelin:** “Advancing Understanding of Involvement in Daily Life Activities from the Perspectives of Children and Youth with Childhood-Onset Disabilities”
- **Marisha Cathleen Zimmerli:** “Hip migration and orthotic treatment in patients with cerebral palsy”
- **Christopher Newman:** “Interrelations between Pain, Emotional Health, and Sleep in Young Adults with Cerebral Palsy: Findings from the SPARCLE 3 European Cohort Study”

14:05-14:30 **Coffee Break**

14:30-15:10 **Block 4: Presentations of finalized studies** – Chair: Christopher Newman

- **Daniel Brechbühl:** “Diagnostic Delays in Pediatric Acute Ischemic Stroke: 24-Year Trends and Contributing Factors in Switzerland”
- **Ellard van der Molen:** “Practicability and acceptance of immersive virtual reality for gait rehabilitation in a pediatric neurorehabilitation setting”
- **Samira Eberle:** “Impact of Intraventricular Hemorrhage on Cognitive and Motor Outcomes in Extremely Preterm Infants: Update from the SwissNeoNet”
- **Iciar Sanchez-Albisua:** “Seizures After Stroke: Unlocking Epilepsy Risk in Children with Arterial Ischemic Stroke”

15:15-15:55 **Research Exchange Forum: panel discussion on the ‘The Power of Inter-Generational Collaboration in Research’** – moderated by Julian Jakob, University Hospital Bern

16:00-16:15 **Award and closing ceremony**



16:30-17:15 **General assembly of the Swiss Cerebral Palsy Registry (Room: A017)**