

## **Workshop 3**

### **The Spectrum of Motor Impairments in Early Childhood, from Developmental Coordination Disorder to Cerebral Palsy**

Organizers: Juan D. Martina (Curacao) and Juan P. Manterola (Netherlands)

In the last couple of years there has been an exponential increase in the amount of publications regarding Developmental Coordination Disorders (DCD). In particular, there has been increasing scientific interest in the relation between function impairment and functional imaging. Much attention is being given to fundamental research and the application of this research in the field of rehabilitation and education for individuals with visual and motor impairments, especially children with DCD and children with cerebral palsy (CP). Furthermore, there is more understanding of the different types of DCD as an expression of impairments in the development of the brain with significant repercussions at the motor, sensorial and executive level.

The workshop will focus on the clinical aspects that could help in recognizing this entity in daily practice, including diagnosis, management and prognosis.

#### **Program:**

- Introduction (1)
- Recognition of motor patterns in childhood and long term follow up (2)
- DCD: state of the art (3)
- Clinical application of the Dutch Guidelines Cerebral Palsy (4)
- CP management: state of the art (5)
- Novel rehabilitation approaches of children with DCD and CP: Motor Imagery and Action Observation Training (6)

#### **Speakers**

- 1) Dr. Juan David Martina (Curacao)
- 2) Dr. Cathrien van Groningen (Netherlands)
- 3) Dr. Juan Pablo Manterola (Netherlands)
- 4) Dr. Carolina Ayllon (Argentina)
- 5) Dr. Ayal Zahavi (Curacao)
- 6) Prof. Dr. Bert Steenbergen (Netherlands)