

## Program IMSCOGS conference, September 2 – 3, 2024, Bern

### Monday, September 2, 2024

09:00–09:15	<b>Welcome by the local organizers and the IMSCOGS president</b>	Penner (CH), Chan (CH), Schoonheim (NL)
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#### Session 1: Brain health and MS | Chairs: Penner (CH) & Chan (CH)

9:15–09:45	<b>Introduction to brain health</b>	Bassetti (CH)
09:45–10:15	<b>Brain health and MS</b>	DeLuca (US)
10:15–10:45	<b>Preventative interventions for MS patients</b>	Hulst (NL)
10:45–11:15	Coffee Break and Poster viewing	

#### Session 2: The concept of smoldering MS and cognition | Chairs:ENZINGER (AT) & Brochet (FR)

11:15–11:40	<b>smoldering MS: the preclinical view</b>	Küry (DE)
11:40–12:05	<b>smoldering MS: the neuropsychological view</b>	Benedict (US)
12:05–12:30	<b>smoldering MS: the MRI view</b>	Schoonheim (NL)
12:30–12:55	<b>smoldering MS: the clinical neuroimmunological view</b>	Berger (AT)
12:55–14:00	Lunch Break and guided poster tour	Chair: Langdon (UK)

#### Session 3: Digital assessment and monitoring | Chairs: Benedict (US) & Hoepner (CH)

14:00–14:30	<b>Lessons learned from the digital BICAMS</b>	Langdon (UK)
14:30–15:00	<b>Isolated cognitive relapses: does digital assessment help?</b>	Morrow (CA)
15:00–15:15	<b>Speech assessment and cognition</b>	Hammer (CH)
15:15–15:30	<b>The SITEM Loft: an approach to objectify fatigue and cognition</b>	Nef (CH)
15:30–16:00	Coffee Break and Poster viewing	

#### Session 4: Artificial intelligence | Chairs: Tzovara (CH) & Nagels (BE)

16:00–17:00	<b>Pro/Contra session on the topic: «AI will change cognitive MS care within the next ten years»</b>	Nagels (BE) & van Schependom (BE)
17:00–17:15	<b>How to apply AI techniques on electrophysiological signals</b>	Tzovara (CH)

17:15–17:30	<b>AI modelling of electrophysiological correlates of cognition in MS</b>	Rossi (BE)
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17:30–18:30	<b>Assembly/Board meeting</b>	
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19:00–23:00	<b>Official IMSCOGS Dinner</b>	
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## Tuesday, September 3, 2024

**Well-known and new rehabilitation strategies (joined ISMCOGS & RIMS session) | Chairs: Amato (IT) & Brichetto (IT)**

09:00–09:20	<b>Neurorehabilitation of cognitive deficits using an adaptive cognitive exergame</b>	Sokolov (CH)
09:20–09:50	<b>Metacognition, Neuroeducation and Meditation</b>	Penner (CH)
09:50–10:10	<b>First Results of the NEMMI studyy</b>	Monschein (AT/CH)
10:10–10:30	<b>The CogEx study in progressive MS</b>	Brichetto (IT)
10:30–11:00	Coffee Break and Poster viewing	

**The power of exercising | Chairs: Ruet (FR) & Paul (DE)**

11:00–12:00	<b>Exercise and Cognition in MS: From Evidence to Promotion in Clinical Practice</b>	Sandroff (US) & Motl (US)
12:00–12:15	<b>Should exercise training be at high intensity?</b>	Bansi (CH)
12:15–12:30	<b>Exercise training, cognitive training or both? Evidence and conclusion from a comparative analysis</b>	Roth (CH)
12:30–13:30	Lunch Break and guided poster tour	Chair: Schoonheim (NL)

**Comorbidities (Fatigue, Depression, Anxiety) | Chairs: Penner (CH) & De Luca (US)**

13:30–14:00	<b>Fatigue and MS: new assesement approaches</b>	Grothe(DE)
14:00–14:30	<b>Depression</b>	Gold (DE)
14:30–15:00	<b>Anxiety</b>	Hancock (US)
15:00–15:30	<b>Summary and farewell</b>	Chan (CH) & Penner (CH)