

## PARENT - Leuven Training School 2022 - program

Date: 31 March - 2 April 2022

31 March	Clinical neurodiagnostic tools for neurodevelopmental disabilities (NDD)
9:00 - 9:30	Welcome opening Speaker: Marco Deriu Room: GHB, <b>ON5 04.112 (aula)</b>
9:20 - 10:00	Long-term developmental outcomes related to NDD during infancy Speaker: <b>Dieter Wolke (University of Warwick - online)</b> Room: GHB, <b>ON5 04.112 (aula)</b>
10:00 - 10:30	Current and potential clinical biomarkers to track brain development in preterms Speaker: <b>Jeroen Dudink (UMC)</b> Room: GHB, <b>ON5 04.112 (aula)</b>
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 11:30	Clinical biomarkers for diagnosing autism Speaker: <b>Bart Boets (KUL)</b> Room: GHB, <b>ON5 04.112 (aula)</b>
11:30 - 12:00	Early imaging biomarkers to assess brain development related to language and reading Speaker: <b>Jolijn Vanderauwera (KUL/UCL)</b> Room: GHB, <b>ON5 04.112 (aula)</b>
12:00 - 13:30	<i>Lunch Break</i>
	Hands-on session on data collection in babies and children (ESR only)
13:30 - 14:15	*Hands-on session 1
14:15 - 15:00	*Hands-on session 2
15:00 - 15:15	<i>Coffee Break</i>
15:15 - 16:00	*Hands-on session 3
16:00 - 17:00	Visit to NICU: incubators, monitors such as pulse oxy, blood pressure, etc. Speaker: <b>Gunnar Naulaers (KUL)</b>

\*3 groups of 5 ESRs will attend in rotation to 3 hands-on sessions:

- "How to prepare babies/children for an MRI scanning session?" presented by Koen Vanhonnebrouck (KUL)
- "How to set up eye tracking device for reliable measurement?" presented by Nofar Ben Itzhak (KUL)
- "How to set up EEG caps for reliable data in children?" presented by Katrien Jansen (KUL)

13:30 - 17:00	PARENT executive board / scientific board
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1 April	Basic principles on neuroimaging, eye tracking and other technologies for diagnosis of NDD
9:00 - 9:15	Welcome Speaker: <b>Marco Deriu (PoliTO)</b> Room: GHB, <b>ON4 04.330 (aula)</b>
9:15 - 9:50	Magnetic resonance imaging (MRI): structural brain imaging Speaker: <b>Tim Vanderhasselt (UZ Brussels)</b> Room: GHB, <b>ON4 04.330 (aula)</b>
9:50 - 10:15	Electro-encephalography (EEG): functional brain imaging Speaker: <b>Simon Van Eyndhoven (icometrix)</b> Room: GHB, <b>ON4 04.330 (aula)</b>
10:15 - 10:45	<i>Coffee Break</i>
10:45 - 11:15	Eye tracking Speaker: <b>Aleksander Sadikov (University of Ljubljana)</b> Room: GHB, <b>ON4 04.330 (aula)</b>
11:15 - 11:45	Ultrasound in neonates Speaker: <b>Paul Govaert (ZNA)</b> Room: GHB, <b>ON4 04.330 (aula)</b>
11:45 - 12:00	Q&A sessions with the invited speakers
12:00 - 13:15	<i>Lunch Break</i>
	Poster sessions
13:30 - 15:00	Poster presentation by ESRs - part 1 Room: GHB, <b>ON4 04.330 (aula)</b>
15:00 - 15:30	<i>Coffee Break</i>
15:30 - 16:30	Poster presentation by ESRs - part 2 Room: GHB, <b>ON4 04.330 (aula)</b>

2 April	Research methodology, project writing and management
9:00 - 9:15	Welcome Speaker: <b>Marco Deriu (PoliTO)</b> Room: GHB, <b>ON4 04.330 (aula)</b>
9:15 - 9:45	Project writing Speaker: <b>Marco Deriu (PoliTO)</b> Room: GHB, <b>ON4 04.330 (aula)</b>
9:45 - 10:15	Project management: <ul style="list-style-type: none"> <li>- Plan short and long term objectives</li> <li>- Best tips on how to organize/manage PhD</li> </ul> Speaker: <b>Joeri Wielandts (KUL)</b> Room: GHB, <b>ON4 04.330 (aula)</b>
10:15 - 10:30	Success story of an MCSA ITN alumnus Speaker: <b>Nuno Barros (icometrix)</b> Room: GHB, <b>ON4 04.330 (aula)</b>
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 12:30	Paper writing: feedback on ESRs' literature review Speaker: <b>Boris Souffriau (KUL)</b> Room: GHB, <b>ON4 04.330 (aula)</b>
12:30 - 12:45	<i>Closing</i>