MOTION
Project ID: 765298
Funded under: H2020-EU.1.3.1. - Fostering new skills by means of excellent initial training of researchers

Mobile Technology for Infant Social-Cognitive Neuroscience: Interdisciplinary Training Network for Innovative Infancy Research

From 2018-01-01 to 2021-12-31, ongoing project

Project details

<table>
<thead>
<tr>
<th>Total cost:</th>
<th>Topic(s):</th>
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<tr>
<td>EUR 3 685 408,56</td>
<td>MSCA-ITN-2017 - Innovative Training Networks</td>
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<tr>
<th>EU contribution:</th>
<th>Call for proposal:</th>
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<th>Coordinated in:</th>
<th>Funding scheme:</th>
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<tr>
<td>Netherlands</td>
<td>MSCA-ITN-ETN - European Training Networks</td>
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Objective

“Recent international reports emphasize that the first three years of children’s life have more impact on their future outcomes than any other period during life. It is therefore essential that we have a thorough understanding of early social and cognitive development. In the past, experimental research that has fed our knowledge on early development studied infants within restricted, artificial laboratory contexts. However, only by studying children who are actively engaging in natural interaction with their social and physical environment, we can acquire ecologically valid, robust information about their social and cognitive development. It is thus essential to move experimental infancy research towards more natural situations. In doing so, MOTION will train a new generation of highly-skilled experts in the field of early development.

New advances in wearable and wireless technologies now provide us with a unique opportunity. We are able to literally "unleash" the children we study – to free them from cables and constraints associated with the previous research methods. The primary scientific aim of the MOTION project thus is to leverage these new technological advances to study infants’ and toddlers’ body movements, gaze direction, and brain activity as they spontaneously and actively explore the world around them. MOTION will develop, produce and commercialize new tools to study early development in close cooperation between industry and academic partners. Innovative research tools will be used to investigate infants in natural interaction with their social and physical environment and gain a deeper understanding of early development. In addition to disseminating the new tools and research findings among the scientific community, it is the explicit aim of MOTION to reach out to professionals and the public, educate them about early development and instigate an open dialogue between professionals working with young children and developmental researchers.”
Coordinator

STICHTING KATHOLIEKE UNIVERSITEIT
GEERT GROOTEPLEIN NOORD 9
6525 EZ NIJMEGEN
Netherlands
EU contribution: EUR 510 748,56
See on map

Activity type: Higher or Secondary Education Establishments
Contact the organisation

Participants

UPPSALA UNIVERSITET
VON KRAEMERS ALLE 4
751 05 UPPSALA
Sweden
EU contribution: EUR 527 318,64
See on map

Activity type: Higher or Secondary Education Establishments
Contact the organisation

BIRKBECK COLLEGE - UNIVERSITY OF LONDON
MALET STREET
WC1E 7HX LONDON
United Kingdom
EU contribution: EUR 546 575,76
See on map

Activity type: Higher or Secondary Education Establishments
Contact the organisation

LANCASTER UNIVERSITY
BAILRIGG
LA1 4YW LANCASTER
United Kingdom
EU contribution: EUR 546 575,76
See on map

Activity type: Higher or Secondary Education Establishments
Contact the organisation

UNIVERSITA' DEGLI STUDI DI MILANO-BICOCCA
PIAZZA DELL'ATENEO NUOVO 1
20126 MILANO
Italy
EU contribution: EUR 516 122,64
See on map

Activity type: Higher or Secondary Education Establishments
Contact the organisation
TWENTE MEDICAL SYSTEMS INTERNATIONAL B.V.
ZUTPHENSTRAAT 57
7575 EJ OLDENZAAL
Netherlands
See on map
Activity type: Other
Contact the organisation

ARTINIS MEDICAL SYSTEMS BV
EINSTEINWEG 17
6662 PW ELST
Netherlands
See on map
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation

SMART EYE AKTIEBOLAG
FORSTA LANGGATAN 28B
413 27 GOTEBOURG
Sweden
See on map
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation

QUALISYS AB
KVARNBERGSSTANI 2
411 05 GOTEBOURG
Sweden
See on map
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation

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