

Materials List for:

# Dynamic Inter-Subject Functional Connectivity Reveals Moment-to-Moment Brain Network Configurations Driven by Continuous or Communication Paradigms

Thomas Bolton<sup>1</sup>, Delphine Jochaut<sup>1</sup>, Anne-Lise Giraud<sup>1</sup>, Dimitri Van De Ville<sup>1</sup>

<sup>1</sup>

Correspondence to: Thomas Bolton at [thomas.bolton@epfl.ch](mailto:thomas.bolton@epfl.ch)

URL: <https://www.jove.com/video/59083>

DOI: [doi:10.3791/59083](https://doi.org/10.3791/59083)

## Materials

Name	Company	Catalog Number	Comments
Freesurfer version 6.0	Laboratory for Computational Neuroimaging, Martinos Center for Biomedical Imaging, Boston (MA), USA	<a href="https://surfer.nmr.mgh.harvard.edu/fswiki/DownloadAndInstall">https://surfer.nmr.mgh.harvard.edu/fswiki/DownloadAndInstall</a>	A MATLAB-compatible toolbox enabling to carry out various processing, visualisation and analytical steps on functional magnetic resonance imaging data
MATLAB_R2017a	MathWorks	<a href="https://ch.mathworks.com/downloads/">https://ch.mathworks.com/downloads/</a>	Working version of the MATLAB computational software (version 2014a or more recent should be used)
Statistical Parametric Mapping version 12.0 (SPM12)	Wellcome Trust Center for Neuroimaging, University College London, London, UK	<a href="https://www.fil.ion.ucl.ac.uk/spm/software/spm12/">https://www.fil.ion.ucl.ac.uk/spm/software/spm12/</a>	A MATLAB-compatible toolbox enabling to perform statistical analyses on functional magnetic resonance imaging data
Tim-Trio 3 T MRI scanner	Siemens	<a href="https://www.healthcare.siemens.ch/magnetic-resonance-imaging/for-installed-base-business-only-do-not-publish/magnetom-trio-tim">https://www.healthcare.siemens.ch/magnetic-resonance-imaging/for-installed-base-business-only-do-not-publish/magnetom-trio-tim</a>	Magnetic resonance imaging scanner in which subjects have their functional brain activity recorded (at 3 T)