

LEFORT-BESNARD Jérémy

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ACADEMIC EXPERIENCE

Since 2019	BIIC lab, NTHU, Hsinchu, Taiwan POSTDOCTORAL RESEARCHER on learning predictive models based on behaviors, brain-region and brain-network priors
2019	BIIC lab, NTHU, Hsinchu, Taiwan TEACHER "Using Git, Github and creating a science portfolio"
2018	IRTG 2150 Uniklinik RWTH Aachen, Germany TEACHER "Using Git, Github and creating a science portfolio"
2017+2018	IRTG 2150 Uniklinik RWTH Aachen, Germany TEACHER ASSISTANT "Machine learning crash course"
2017+2018	IRTG 2150 Uniklinik RWTH Aachen, Germany TEACHER "Introduction to Python in neuroscience"

EDUCATION

2015-2019	RWTH Aachen University, Germany Ph.D in computational neuroscience (Magna Cum Laude) Supervision: Prof. Danilo Bzdok, RWTH University Prof. Danielle S. Bassett, UPENN Scholarship: International Research Training Group (DFG-IRTG 2150)
2015	University of Tours, France M.Sc "Neurosciences, Cognition and Psychology" (with honors) Psychologist title , supervision by the Master "Child psychology"
2013	Bucknell University, USA and University of Tours, France B.A. in Psychology (with honors)

PUBLICATIONS (PEER REVIEWED JOURNALS)

- Recently submitted -

Lefort-Besnard J., Vogeley K, Schilbach L, Varoquaux G, Thirion B, Dumas G, Bzdok D. *Patterns of Autism Symptoms: Hidden Structure in the ADOS and ADI-R instruments*. Submitted

Pfundmair M, **Lefort-Besnard J.** *Identifying predictive features of islamist radicalization*. Submitted

- Accepted and/or Published -

Lefort-Besnard J., Varoquaux G., Derntl B., Gruber O., Aleman A., Jardri R., Sommer I., Thirion B., Bzdok D. *Patterns of Schizophrenia Symptoms: Hidden Structure in the PANSS Questionnaire*. Translational Psychiatry.
2019 OHBM 2019 Roma abstract presentation

Lefort-Besnard J., Bassett S.D., Smallwood J., Margulies S.D., Derntl B., Gruber, O., Aleman A., Jardri R., Varoquaux G., Thirion B., Eickhoff B.S., Bzdok D. Different shades of default mode disturbance in schizophrenia: Subnodal covariance estimation in structure and function; Human Brain Mapping; 2017, 39:644–661
OHBM 2018 Singapor abstract presentation + awarded of the DAAD travel grant

Fletcher-Watson S, Apicella F, Auyeung B, [...], **Lefort-Besnard J**, [...], et al. Attitudes of the autism community to early autism research; Autism; 2017, 21(1): 61–74.4

Fletcher-Watson S., Larsen K., Salomone E., and **Members of the COST ESSEA Working Groups**. What do parents of children with autism expect from participation in research? A community survey about early autism studies; Autism; 2017, DOI: 10.1177/1362361317728436

SKILLS & INTERESTS

Brain imaging | psychiatry | quantitative neuroscience | personalized medicine | statistical learning | programming (mostly Python, Matlab, R)