Curriculum Vitae

Personal Data

Name	**Davide Giampiccolo**
Address	via Oradini 13 38121 Trento Italy Tel. +49 157 32789874 +39 348 4106850
Mail	davide.giampiccolo@univr.it
Date of birth	**01.02.1990**
Place of birth	Trento, Italy
Nationality	italian
Marital status	not married

Residency

11/2016 –

Resident in Neurosurgery
Department of Neurosurgery
Prof. F. Sala
University of Verona, Verona, I

Research fellowships

05/2016 – 10/2016

Research fellow
study on combining navigated transcranial magnetic stimulation (nTMS) and tractography for eloquent areas

Prof. M. Catani, Dr H. Howells, Dr. F. Vergani
Natbrainlab, London, UK

Prof. Dr. P. Vajkoczy, Prof. T. Picht
TMS Lab, Charité Universitätsmedizin Berlin, CVK, Berlin, D

11/2015 – 04/2016

Research fellow
Study on role of ventral promotor area in speech
Articulation and verbalisation during intraoperative mapping
Department of Oncological Neurosurgery
Prof. L. Bello, Prof. G. Cerri, dr. V. Ferpozzi
Istituto Clinico Humanitas, Milan, I

03/2015 – 09/2015

Research fellow
Study on nTMS-tractography in Moyamoya disease (MMD) patients with focus on cortical excitability and axonal microstructure
Department of Neurosurgery
Dr G. Acker, Prof. Dr. Peter Vajkoczy,

Charité Universitätsmedizin Berlin, CVK, Berlin, D
Research fellow
nTMS, nTMS-tractography and 3D reconstruction of Motor and Speech tracts
TMS Lab, Department of Neurosurgery
PD. T. Picht, Prof. Dr. P. Vajkoczy
Charité Universitätsmedizin Berlin, CVK, Berlin, D

Scientific Publications

Rosenstock, T., Giampiccolo, D., Schneider, H., Runge, S. J., Bährend, I., Vajkoczy, P., & Picht, T. (2017). Specific DTI seeding and diffusivity-analysis improve the quality and prognostic value of TMS-based deterministic DTI of the pyramidal tract. *NeuroImage: Clinical*, *16*, 276-285.

Book Chapters

F. Sala, D. Giampiccolo, Subcortical Mapping during Intracranial Surgery in Children, PEDIATRIC EPILEPSY SURGERY: PREOPERATIVE ASSESSMENT AND SURGICAL TREATMENT, 2nd Edition

Clinical Traineeships

05/2016 – 08/2016
Clinical observer
Focus on preoperative and Intraoperative brain mapping in glioma surgery
Dr. F. Vergani, Prof. K. Ashkan
King's College Hospital, London, UK

11/2015 – 04/2016
Intern
focus on Brain mapping and Intraoperative Neuromonitoring in Awake glioma surgery
Department of Oncological Neurosurgery
Prof. L. Bello, Dr. M. Rossi,
Istituto Clinico Humanitas, Milan, I

03/2015 – 09/2015
Intern
focus on Moyamoya disease and Moyamoya Syndrome
Department of Neurosurgery
Prof. Dr. Peter Vajkoczy
Charité Universitätsmedizin Berlin, CVK, Berlin, D

04/2010 – 02/2015
Intern
focus on Aneurysms and AVMs,
Department of Neurosurgery
Dr. A. Pasqualin,
Ospedale Civile Maggiore, University of Verona, Verona, I

03/2015 – 03/2015	Observer Department of Neurosurgery, Prof. Dr. G. Hildebrand Kantonsspital St. Gallen, St. Gallen, CH

Education

04/02/2016	Physician
10/2009 – 10/2015	Faculty of Medicine, **110/110 cum Laude** Neurosurgical thesis on *"nTMS-characterisation and reorganisation of motor cortex in MMD/MMS before and after bypass surgery"*, Prof. Dr. P. Vajkoczy, Dr. T. Picht, Dr. G. Acker, Dr. A. Pasqualin, Prof. M. Meglio, Università degli Studi di Verona, Verona, I
31/08/2014 – 06/2015	Erasmus, Faculty of Medicine, Universität zu Köln, Cologne, D
04/2004 – 07/2009	Liceo Classico Giovanni Prati, 93/100, Trento, I

Scientifical Lectures

01/2018	Exploring different roles of perisylvian white matter tracts: a nTMS-tractography study EWCN, Language session, Bressanone, I
10/2017	Feasibility of pre-surgical functional mapping of visual areas using nTMS-tractography 9th NBS congress, Berlin, D
08/2017	Combining nTMS with tractography reveals different errors may involve different segments of the arcuate fasciculus OHBM 2017 annual meeting, Language session, Vancouver, C
03/2017	Combining nTMS with tractography reveals different errors may involve different segments of the arcuate fasciculus DGNC-Magdeburg, D
03/2017	Combining nTMS with tractography reveals different errors may involve different segments of the arcuate fasciculus DGNC-Sektionstagung Neurophysiologie, Bern, CH
10/2016	Induction of different types of language errors by nTMS recruits particular segments of the arcuate fasciculus 8th NBS congress, Berlin, D

10/2015	nTMS-characterisation and reorganisation of motor cortex in MMD/MMS before and after bypass surgery, DGNC-Sektionstagung Neurophysiologie, Munich, D

Skills

Navigated TMS	2 year regular clinical experience in motor and speech mapping
Diffusion MRI	General MRI software: Brainsuite - FSL - ExploreDTI - 3D Slicer Tractography software: TrackVis - StarTrack Highly experienced in deterministic and probabilistic tractography methods and virtual dissections of white matter tracts

Languages

Italian: native speaker
German: Goethe-Zertifikat C1
English: IELTS (C1)
Spanish: fluent

Grants

01/2018	**Grant,** Fondazione Brain Research Foundation, Verona Co-PI; PI Francesco Sala, Silvia Savazzi, (10.000 E)
04/2016 - 08/2016	**Grant,** Fondazione Alberto Rangoni, Trento (3300 E)
04/2016 - 10/2016	**Grant,** Fondazione Cassa Rurale di Trento, Trento (12 000 E)
10/2009 - 10/2015	**Grant,** University of Trento, Trento (7500 E)

Davide Giampiccolo
Verona, 28th June 2018