

CURRICULUM VITAE

Georg Northoff, M.D., Ph.D., FRCPC

EDUCATION

Ph.D. Philosophy, Heinrich Heine University Duesseldorf, Germany, 1999
Ph.D. Medicine/Psychiatry, Otto-von-Guericke University Magdeburg, Germany, 1998
M.A. Philosophy, Ruhr University Bochum, Germany, 1992
M.A. Medicine, Ludwig Maximilians University of Munich, Germany, 1990
M.D. Medicine, Ruhr University Bochum/Essen, Germany, 1989

EMPLOYMENT

2012 – present	Full Professor; Head, Mental Disorders Thousand Talents Program Hangzhou Normal University, Hangzhou, China (two months per year)
2010 – present	Joint Professor, Department of Psychology Carleton University
2009 – present	Canada Research Chair in Mind, Brain Imaging and Neuroethics EJLB-CIHR Michael Smith Chair in Neurosciences and Mental Health Full Professor, Department of Psychiatry Joint Professor, Department of Philosophy Joint Professor, Department of Psychology University of Ottawa Institute of Mental Health Research
2005 – 2009	Full Professor, Neuropsychiatry Otto-von-Guericke University Magdeburg, Germany
2003 – 2005	Associate Professor; Chief Attending, Psychiatry Otto-von-Guericke University Magdeburg, Germany
2000 – 2003	Visiting Associate Professor Harvard University, USA
1998 – 2000	Assistant Professor, Psychiatry Otto-von-Guericke University Magdeburg, Germany
1996 – 2000	Attending Physician, Psychiatry Otto-von-Guericke University Magdeburg, Germany
1990 – 1995	Resident Physician, Psychiatry J.W. Goethe University Frankfurt am Main, Germany

HONOURS AND DISTINCTIONS

Arnold Pfeffer Prize, International Society of Neuropsychoanalysis, 2010

PROFESSIONAL MEMBERSHIPS

Institute for Science Society & Policy, Canada
Society for Neurology and Psychiatry, Germany
Society for Neuroscience, USA
Society for Analytical Philosophy, Germany
American Academy of Science, USA
Academy of Ethics in Medicine
Schizophrenia Society of Ontario Scientific Advisory, Canada

REVIEWER ACTIVITIES

Grants

Ministry of Research and Innovation, Early Research Awards Program
Medical Research Council (MRC), U.K.
Wellcome Trust, U.K.
Swiss National Science Foundation (SNSF)
Canadian Institutes of Health Research (CIHR)
German Research Foundation (DFG), Germany
National Research Foundation (NRF), South Africa
National Institutes of Health (NIH), USA
Federal Ministry of Education and Research (BMBF), Germany
Israel Science Foundation (ISF)
Canada Foundation for Innovation (CFI)
Ontario Mental Health Foundation (OMHF)

Journals

Zeitschrift für Psychiatrie, Psychologie und Psychotherapie • Neuropsychoanalysis •
World Journal of Psychiatry • The Neuropsychotherapist • Avant: Journal of the
Philosophical-Interdisciplinary Vanguard • International Journal of Cognitive Inquiry •
British Journal of Pharmacology • Social Neuroscience • Molecular Psychiatry • Neuron
• Neuropsychopharmacology • Personality and Individual Differences • World Journal
of Biological Psychiatry • Brain Research Reviews • Psychotherapy and Psychosomatics
• Human Nature • Neuropsychologia • Psychological Science • Neurobiology of Aging
• American Journal of Psychiatry • Brain Research • International Journal of Clinical
Psychopharmacology • Trends in Cognitive Sciences • Cognitive Brain Research •
Archives of General Psychiatry • Journal of Consciousness Studies • Journal of
Psychiatry and Neuroscience • NeuroImage • Neuropsychology • Schizophrenia
Research • Progress in Neuropsychopharmacology and Biological Psychiatry • Journal
of Nuclear Medicine • Journal of Psychiatric Research • Cognitive and Behavioral
Neurology • Psychiatry Research Neuroimaging • Philosophical Psychology •

GRADUATE STUDENT SUPERVISION

2013 – present	Qiang Yue (Post-Doctoral Fellow)
2013 – present	Eyup Suzgun (Post-Doctoral Fellow)
2013 – present	Omar Mohammid (M.Sc.)
2013 – present	Zirui Huang (Post-Doctoral Fellow)
2012 – present	Zeidy Munoz Torres (Post-Doctoral Fellow), Psychology, biomedical science
2009 – present	Niall Duncan (Ph.D., Post-Doctoral Fellow), Neuroimaging
2009 – present	Pengmin Qin (Post-Doctoral Fellow), Neuroimaging
2004 – present	Christine Wiebking (Master's, Ph.D.), Neuropsychology and neuroimaging of emotions in pedophilia
2009 – 2013	David Hayes (Post-Doctoral Fellow), Neuroimaging
2011 – 2012	Chao-Yi Ho (Post-Doctoral Fellow)
2010 – 2012	Takashi Nakao (Post-Doctoral Fellow)
2010 – 2012	Oliver Lyttleton (Post-Doctoral Fellow), Neuroimaging
2007 – 2009	Bjorn Enzi (Ph.D.)
2001 – 2009	Simone Grimm (Ph.D., Post-Doctoral Fellow), Neuroimaging and depression
1998 – 2009	Kai Eicke (Master's, Ph.D., Post-Doctoral Fellow), Mental causation and emotions
2004 – 2008	Moritz de Greck (Post-Doctoral Fellow), Neuroimaging
2004 – 2008	Mathias Gessner (Ph.D.), MEG in schizophrenia
2004 – 2008	Martin Walter (Ph.D., Post-Doctoral Fellow), Neuroimaging in depression during emotional stimulation
2005 – 2007	Diana Moritz (Master's), Neuropsychology in gambling
2004 – 2007	Christian Matthia (Master's), Neuroimaging and domain independence in prefrontal cortex
1998 – 2007	Alexander Heinzl (Master's, Ph.D., Post-Doctoral Fellow), Phantom limb and the mind-body problem
2004 – 2006	Matthias Lang (Master's), Neuropsychology of ego disturbances in schizophrenia
2004 – 2006	Nadine Musolf (Master's), 7T fMRI and salience
2003 – 2006	Jutta Ernst (Master's), Neuroimaging in emotion and self in depression
2000 – 2006	Thomas Witzel (Post-Doctoral Fellow), Neuroimaging
2001 – 2004	Felix BERPpohl (Post-Doctoral Fellow), Psychiatry, neuroimaging
2000 – 2004	Dieter Fischer (Post-Doctoral Fellow), Psychiatry, neuroimaging
2000 – 2004	Andrea Pfennig (Post-Doctoral Fellow), Psychiatry, neuroimaging
1997 – 2004	Andre Richter (Ph.D., Post-Doctoral Fellow), fMRI of catatonia
2000 – 2002	Robert Niese (Post-Doctoral Fellow), Neuroimaging
1998 – 2002	Oliver Gruber (Ph.D.), Motor and psychological functions in akathisia
1998 – 2002	Wenzel Glanz (Ph.D.), Visuospatial-motor function in fMRI
1997 – 2002	Ingo Schwab (Master's), Neurophilosophy and W. Quine
1998 – 2001	Andreas Koch (Ph.D.), Subjective experience in depression

EXTERNAL RESEARCH FUNDING

(2013–2016). The neuro-cognitive mechanism underlying the deficit of the projection of the self into the future in depressive disorder. National Natural Science Foundation of China. \$85,000.

Northoff, G., Nai-Shing, Y., & Lane, T. (2013-2014). Does neural activity during reward predict self-relatedness? National Science Council of Taiwan. TWD\$2,460,000 (New Taiwan dollars).

(2012–2014). Are there neural differences in the self in Eastern and Western depression? A cross-cultural imaging study. Canadian Institutes of Health Research (CIHR) China-Canada Joint Health Research Initiative. \$225,000.

(2011–2016). Neural and biochemical correlates of resting state activity and emotional processing in major depressive disorder – Multimodal imaging (fMRI, MRS and PET) during GABA- and glutamatergic intervention. Canadian Institutes of Health Research (CIHR). \$680,000.

(2011–2012). Neural and cardiac mu-opioid receptor binding and its modulation of interoceptive neural processing – A combined 11-c-carfentanil PET and fMRI study of brain and heart. University of Ottawa. \$35,000.

(2011–2012). Neural mechanisms underlying abnormal arousal and body perception in adolescents with anxiety disorders. University of Ottawa. \$22,000.

(2010–2013). Neural mechanisms underlying abnormal arousal and body perception in adolescents with anxiety disorders like social phobia and depression: How does hand-holding impact neural activity during interoceptive awareness? Hope for Depression Research Foundation, USA. \$100,000.

(2009–2015). Additional Infrastructure Grant. Canada Research Chairs (CRC) / Canada Foundation for Innovation (CFI). \$235,000.

(2009–2014). EJLB-CIHR Michael Smith Chair in Neurosciences and Mental Health, Endowment Grant. EJLB Foundation / Canadian Institutes of Health Research (CIHR). \$1,000,000.

(2009–2011). Depression: Pathophysiological and biochemical correlates of psychopathological symptoms. Swiss National Science Foundation (SNSF), Switzerland. \$145,000.

(2009–2010). EJLB-CIHR Michael Smith Chair in Neurosciences and Mental Health, Establishment Grant. EJLB Foundation / Canadian Institutes of Health Research (CIHR). \$300,000.

(2009–2010). Institutional Grant. Canadian Institutes of Health Research – Institute of Neurosciences, Mental Health and Addiction (CIHR-INMHA). \$50,000

(2008–2011). Functional imaging of the self in psychiatric disorders and psychotherapy. A longitudinal study. The Salus Foundation, USA. \$150,000.

(2008–2011). Subcortical and cortical functional anatomy of reward and punishment in healthy and depressed subjects – A combined fMRI-MRS study. German Research Foundation (DFG), Germany. \$245,000.

(2007–2011). Functional neuroanatomy and regional metabolism in depressed patients with quetiapine: An fMRI guided MRS study on a 7 Tesla scanner. AstraZeneca. \$155,000.

(2007–2010). Functional imaging of emotion in depression. Stanley Medical Research Institute. \$140,000.

(2007) Neural activity in bipolar depression during emotion perception and judgment. An fMRI study. Swiss National Science Foundation (SNSF), \$160,000.

(2006–2010). Functional neuroanatomy in major depressive disorder before and after Duloxetine. Lilly Deutschland, Germany. \$75,000.

(2006–2010). Neuropsychologie und Neurophysiologie der Depression. Swiss National Science Foundation (SNSF), Switzerland. \$50,000.

(2006–2008). Functional neuroanatomy and regional metabolism of somatic-vegetative symptoms in major depression. Hope for Depression Research Foundation, USA. \$100,000.

(2005). Emotionen Bei Depression – fMRI und MRS. Goldberg Stiftung. \$60,000.

(2005). Kognitionen und Emotionen bei Depression. Gebert-Rüf Stiftung. \$48,000.

(2004). Participant and co-applicant in PhD program “Integrative Neuroscience”. Otto-von-Guericke University Magdeburg, Germany. \$200,000.

(2003). Janssen-Cilag. \$6,000.

(2003). Stiftung für wissenschaftliche Forschung an der Universität Zuerich. \$16,000.

(2001). Stiftung fuer wissenschaftliche Forschung an der Universitaet Zuerich. \$17,000.

(2001). Pfizer. \$5,000.

(1998-1999). Sonderforschungsbereich, Limbisches System. Otto-von-Guericke University Magdeburg 426 Teilprojekt C6, Germany. \$105,000.

(1997). Graduierten Forschungs Stipendium der Novartis Stiftung für therapeutische Forschung. \$30,000.

PUBLICATIONS

182 peer-reviewed journal articles

h-index: 32 (32 articles have been cited at least 32 times each)

8 books authored

1 book edited

40 book chapters

Journal Articles (Peer-Reviewed)

1. Balthazar, M.L.F., Pereira, F.R.S., Lopes, T.M., da Silva, E.L., Coan, A.C., Campos, B.M., Duncan, N.W., Stella, F., Northoff, G., Damasceno, B.P., & Cendes F. (in press). Neuropsychiatric Symptoms in Alzheimer's Disease are related to functional connectivity alterations in the salience network. Human Brain Mapping. doi: 10.1002/hbm.22248
2. Hayes, D.J., Duncan, N.W., Wiebking, C., Pietruska, K., Qin, P., Lang, S., Gagnon, J., Gravel, P., Verhaeghe, J., Kostikov, A.P., Schirmacher, R., Reader, A.J., Doyon, J., Rainville, P., & Northoff, G. (in press). GABA_A receptors predict aversion-related brain responses: An fMRI-PET investigation in healthy humans. Neuropsychopharmacology. doi: 10.1038/npp.2013.40
3. Northoff, G. (in press). What the brain's intrinsic activity can tell us about consciousness? A tri-dimensional view. Neuroscience and Biobehavioral Reviews. <http://dx.doi.org/10.1016/j.neubiorev.2012.12.004>
4. Wiebking, C., Duncan, N.W., Qin, P., Hayes, D.J., Lyttelton, O., Gravel, P., Verhaeghe, J., Kostikov, A.P., Schirmacher, R., Reader, A.J., Bajbouj, M., & Northoff, G. (in press). External awareness and GABA – A multimodal imaging study combining fMRI and [18F]flumazenil-PET. Human Brain Mapping. doi: 10.1002/hbm.22166
5. Ernst, J., Northoff, G., Boeker, H., Seifritz, E. & Grimm, S. (in press). Interoceptive awareness enhances neural activity during empathy. Human Brain Mapping. doi: 10.1002/hbm.22014
6. Northoff, G. (2013). Gene, brains, and environment – genetic neuroimaging of depression. Current Opinion in Neurobiology, 23(1), 133–142.
7. Duncan, N.W. & Northoff, G. (2013). Overview of potential procedural and participant-related confounds for neuroimaging of the resting state. Journal of Psychiatry and Neuroscience, 38(2), 84–96.
8. Enzi, B., Doering, S., Faber, C., Hinrichs, J., Bahmer, J., & Northoff, G. (2013). Reduced deactivation in reward circuitry and midline structures during emotion processing in borderline personality disorder. World Journal of Biological Psychiatry, 14, 45–56.
9. Farinelli, M., Panksepp, J., Gestieri, L., Leo, M.R., Agati, R., Maffei, M., Leonardi, M., & Northoff, G. (2013). SEEKING and depression in stroke patients: An exploratory study. Journal of Clinical and Experimental Neuropsychology. <http://dx.doi.org/10.1080/13803395.2013.776009>
10. Duncan, N.W., Gravel, P., Wiebking, C., Reader, A.J., & Northoff, G. (2013). Grey matter density and GABA_A binding potential show a positive linear relationship across cortical regions. Neuroscience, 235, 226-231.
11. Northoff, G. (2013). A look into emotions with neuroimaging. Medicographica, 35(3), 1–6.

12. Nakao, T., Bai, Y., Nashiwa, H., & Northoff, G. (2013). Resting-state EEG power predicts conflict-related brain activity in internally guided but not externally guided decision-making. NeuroImage, 66, 9-21.
13. Qin, P., Duncan, N.W., Wiebking, C., Gravel, P., Lyttelton, O., Hayes, D.J., Verhaeghe, J., Kostikov, A., Schirmacher, R., Reader, A.J., & Northoff, G. (2012). GABA_A receptors in visual and auditory cortex and neural activity changes during basic visual stimulation. Frontiers in Human Neuroscience, 6, Article 337.
14. Doering, S., Enzi, B., Faber, C., Hinrichs, J., Bahmer, J., & Northoff, G. (2012). Personality functioning and the cortical midline structures – An exploratory fMRI study. PLoS ONE, 7(11): e49956. doi:10.1371/journal.pone.0049956
15. Sliz, D., Smith, A., Wiebking, C., Northoff, G., & Hayley, S. (2012). Neural correlates of a single-session massage treatment. Brain Imaging and Behavior, 6(1), 77–87.
16. Enzi, B., Duncan, N.W., Kaufmann, J., Tempelmann, C., Wiebking, C., & Northoff, G. (2012). Glutamate modulates resting state activity in the perigenual anterior cingulate cortex – a combined fMRI-MRS study. Neuroscience, 227, 102–109.
17. Hayes, D.J. & Northoff, G. (2012). Common brain activations for painful and non-painful aversive stimuli. BMC Neuroscience, 13:60. doi: 10.1186/1471-2202-13-60
18. Northoff, G. (2012). From emotions to consciousness – a neuro-phenomenal and neuro-relational approach. Frontiers in Psychology, 3:303. doi: 10.3389/fpsyg.2012.00303
19. Northoff, G. (2012). Immanuel Kant's mind and the brain's resting state. Trends in Cognitive Sciences, 16(7), 356–359.
20. Northoff, G. (2012). Psychoanalysis and the brain – why did Freud abandon neuroscience? Frontiers in Psychology, 3:71. doi: 10.3389/fpsyg.2012.00071. 2012
21. Nakao, T., Ohira, H., & Northoff, G. (2012). Distinction between externally vs. internally guided decision-making: operational differences, meta-analytical comparisons and their theoretical implications. Frontiers in Neuroscience, 6:31. doi: 10.3389/fnins.2012.00031
22. Hu, Z., Liu, H., Weng, X. & Northoff, G. (2012). Is there a valence-specific pattern in emotional conflict in major depressive disorder? An exploratory psychological study. PLoS ONE, 7(2): e31983. doi: 10.1371/journal.pone.0031983
23. Northoff, G. (2012). Autoepistemic limitation and the brain's neural code. Comment on "Neuroontology, neurobiological naturalism, and consciousness: A challenge to scientific reduction and a solution." by Todd E. Feinberg. Physics of Life Reviews, 9, 38–39.
24. de Greck, M., Wang, G., Yang, X., Wang, X., Northoff, G., & Han, S. (2012). Neural substrates underlying intentional empathy. Social Cognitive and Affective Neuroscience, 7(2), 135–144.

25. Qin, P., Liu, Y., Shi, J., Wang, Y., Duncan, N.W., Gong, O., Weng, X., & Northoff, G. (2012). Dissociation between anterior and posterior cortical regions during self-specificity and familiarity: A combined fMRI-meta-analytic study. Human Brain Mapping, 33(1), 154-164.
26. Northoff, G., Wiebking, C., Feinberg, T., & Panksepp, J. (2011). The 'resting-state hypothesis' of major depressive disorder—A translational subcortical–cortical framework for a system disorder. Neuroscience and Biobehavioral Reviews, 35(9), 1929-1945.
27. Grimm, S., Ernst, J., Boesiger, P., Schuepbach, D., Boeker, H., & Northoff, G. (2011). Reduced negative BOLD responses in the default-mode network and increased self-focus in depression. World Journal of Biological Psychiatry, 12(8), 627-637.
28. Northoff, G., & Hayes, D.J. (2011). Is Our Self Nothing but Reward? Biological Psychiatry, 69(11), 1019-1025.
29. Wiebking, C., de Greck, M., Duncan, N.W., Heinzl, A., Templemann, C., & Northoff, G. (2011). Are emotions associated with activity during rest or interoception? An exploratory fMRI study in healthy subjects. Neuroscience Letters, 491(1), 87-92.
30. Northoff, G. & Qin, P. (2011). How can the brain's resting state activity generate hallucinations? A 'resting state hypothesis' of auditory verbal hallucinations. Schizophrenia Research, 127(1-3), 202-214.
31. Northoff, G., Qin, P., & Feinberg, T.E. (2011). Brain imaging of the self – Conceptual, anatomical and methodological issues. Consciousness and Cognition, 20(1), 52-63.
32. Duncan, N.W., Enzi, B., Wiebking, C., & Northoff, G. (2011). Involvement of glutamate in rest-stimulus interaction between perigenual and supragenual anterior cingulate cortex: A combined fMRI-MRS study. Human Brain Mapping, 32(12), 2172-2182.
33. Northoff, G. (2011). Self and brain: what is self-related processing? Trends in Cognitive Sciences, 15(5), 186-187. 2011.
34. Hasler G. and Northoff, G. (2011). Discovering imaging endophenotypes for major depression. Molecular Psychiatry, 16, 604-619.
35. Supady, A., Voelkel, A., Witzel, J., Gubka, U., & Northoff, G. (2011). How is informed consent related to emotions and empathy? An exploratory neuroethical investigation. Journal of Medical Ethics, 37, 311-317.
36. Fan, Y., Duncan, N.W., de Greck, M., Northoff, G. (2011). Is there a core neural network in empathy? An fMRI based quantitative meta-analysis. Neuroscience and Biobehavioural Reviews, 35(3):903-911.
37. de Greck, M., Scheidt, L., Bölter, A.F., Frommer, J., Ulrich, C., Stockum, E., Enzi, B., Templemann, C., Hoffmann, T., Northoff, G. (2011). Multimodal psychodynamic psychotherapy induces normalization of reward related activity in somatoform disorder. World Journal of Biological Psychiatry, 12(4), 296-308.

38. Fan, Y., Wonneberger, C., Enzi, B., de Greck, C., Ulrich, C., Templemann, B., Bogerts, B., & Northoff, G. (2011). The narcissistic self and its psychological and neural correlates: an exploratory fMRI study. *Psychological Medicine*, 41(8), 1641–1650. doi:10.1017/S003329171000228X
39. Qin, P., Di, H., Lui, Y., Yu, S., Gong, Q., Duncan, N.W., Weng, X., Laureys, S., & Northoff, G. (2010). Anterior cingulate activity and the self in disorders of consciousness. *Human Brain Mapping*, 31(12), 1993–2002.
40. Alcaro, A., Panksepp, J., Witczak, J., Hayes, D.J., & Northoff, G. (2010). Is subcortical-cortical midline activity in depression mediated by glutamate and GABA? A cross-species translational approach. *Neuroscience and Biobehavioral Reviews*, 34(4), 592–605.
41. Sajonz, B., Kahnt, T., Marguiles, D.S., Park, S.Q., Wittmann, A., Stov, M., Ströhle, A., Heinz, A., Northoff, G., & Berman, F. (2010). Delineating Self-referential Processing from Episodic Memory Retrieval: Common and Dissociable Networks. *NeuroImage*, 50(4), 1606–1617.
42. de Greck, M., Enzi, B., Prösch, U., Gantman, A., Tempelmann, C., & Northoff, G. (2010). Decreased Neuronal Activity in Reward Circuitry of Pathological Gamblers during Processing of Personal Relevant Stimuli. *Human Brain Mapping*, 31(11), 1802–1812.
43. Northoff, G. (2010). Options for the treatment of febrile catatonia. *Journal of Psychiatry and Neuroscience*, 35(4): E5–E6. doi: 10.1503/jpn.100087
44. Nakao, T., Osumi, T., Ohira, H., Kasuva, Y., Shinonda, J., Yamada, J., & Northoff, G. (2010). Medial Prefrontal cortex–dorsal anterior cingulate cortex connectivity during behavior selection without an objective correct answer. *Neuroscience Letters*, 482(3), 220–224.
45. Zierhut, K., Bogerts, B., Schott, B., Fenker, D., Walter, M., Albrecht, D., Steiner, J., Schütze, H., Northoff, G., Düzel, E., & Schiltz, K. (2010). The Role of hippocampus dysfunction in deficient memory encoding and positive symptoms in schizophrenia. *Psychiatry Research: Neuroimaging*, 183(3), 187–194.
46. Francis, A., Fink, M., Appiani, F., Bertelsen, A., Bolwig, T.G., Bräunig, P., Caroff, S.N., Carroll, B.T., Cavanna, A.E., Cohen, D., Cottencin, O., Cuesta, M.J., Daniels, J., Dhossche, D., Fricchione, G.L., Gazdag, G., Ghaziuddin, N., Healy, D., Klein, D., Krüger, S., Lee, J.W., Mann, S.C., Mazurek, M., McCall, W.V., McDaniel, W.W., Northoff, G., Peralta, V., Petrides, G., Rosebush, P., Rummans, T.A., Shorter, E., Suzuki, K., Thomas, P., Vaiva, G., & Wachtel, L. (2010). Catatonia in Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition. *Journal of ECT*, 26(4), 246–247.
47. Böker, H., & Northoff, G. (2010). Die Entkopplung des Selbst in der Depression: Empirische Befunde und neuropsychodynamische Hypothesen. *Psyche, Z Psychoanal*, 64, 934–976.

48. Heinzl, A., Schäfer, R., Müller, H.W., Schieffer, A., Ingenhag, A., Eickhoff, S.B., Northhoff, G., Franz, M., & Hautzel, H. (2010). Increased activation of the supragenual anterior cingulate cortex during visual emotional processing in male subjects with high degrees of alexithymia: An event-related fMRI study. Psychotherapy and Psychosomatics, 79(6), 363–370.
49. Heinzl, A., Schäfer, R., Müller, H.W., Schieffer, A., Ingenhag, A., Northhoff, G., Franz, M., & Hautzel, H. (2010). Differential modulation of valence and arousal in high-alexithymic and low-alexithymic individuals. Neuroreport, 21(15), 998–1002.
50. Northhoff, G., Duncan, N.W., & Hayes, D.J. (2010). The brain and its resting state activity – Experimental and methodological implications. Progress in Neurobiology, 92, 593–600.
51. Northhoff, G., Pengmin, Q., & Nakao, T. (2010). Rest-stimulus Interaction in the Brain: A review. Trends in Neurosciences, 33(6), 277–284.
52. Northhoff G. (2010). Humans, brains, and their environment: marriage between neuroscience and anthropology? Neuron, 65(6), 748–751.
53. Richter, A., Grimm, S., & Northhoff, G. (2010). Lorazepam modulates orbitofrontal signal changes during emotional processing in catatonia. Human Psychopharmacology. 25(1), 55–62.
54. Feinberg, T.E., Venneri, A., Simone, A.M., Yan, F., & Northhoff, G. (2010). The neuroanatomy of asomatognosia and somatoparaphrenia. Journal of Neurology, Neurosurgery and Psychiatry, 81, 276–281.
55. Wiebking, C., Bauer, A., deGreck, M., Duncan, N., Tempelmann, C., & Northhoff, G. (2010). Abnormal body perception and neural activity in the insula in depression: An fMRI study of the depressed “material me”. World Journal of Biological Psychiatry, 11(3), 538–549.
56. Feinberg, T., Venneri, A., Simone, A., Fan, Y., & Northhoff, G. (2010). The neuroanatomy of asomatognosia and somatoparaphrenia. Journal of Neurology, Neurosurgery and Psychiatry, 81, 276–281.
57. Boker, H. & Northhoff, G. (2010). Die Entkopplung des Selbst in der Depression: Empirische Befunde und neuropsychodynamische Hypothesen. Psyche, 09/10, 934–976.
58. Northhoff G. (2010). Region-based approach versus mechanism-based approach to the brain. Neuropsychoanalysis, 12(2), 167–170.
59. Enzi, B., de Greck, M., Prösch, U., Tempelmann, C., & Northhoff, G. (2009). Is our self nothing but reward? Neuronal overlap and distinction between reward and personal relevance and its relation to human personality. PLoS ONE, 4(12): e8429. doi: 10.1371/journal.pone.0008429
60. Han, S., & Northhoff, G. (2009). Understanding the self: a cultural neuroscience approach. Progress in Brain Research, 178, 203–212.

61. de Greck, M., Supady, A., Paus, R., Moritz, D., Proesch, U., Bruer, U., Moerth, S., Tempelmann, C., Bogerts, B., Forschner, L., Ploetz, K., & Northoff, G. (2009). The insufficient self and addiction. Decreased neural activity in reward circuitry during self-relatedness in abstinent alcoholics. Human Brain Mapping, 30(5), 1691–1704.
62. Grimm, S., Boesiger, P., Beck, J., Schuepbach, D., Bermpohl, F., Walter, M., Ernst, J., Hell, D., Boeker, H., & Northoff, G. (2009). Altered negative BOLD responses in the default-mode network during emotion processing in depressed subjects. Neuropsychopharmacology, 34, 932-843.
63. Panksepp, J., & Northoff G. (2009). The trans-species core SELF: The emergence of active cultural and neuro-ecological agents through self-related processing within subcortical-cortical midline networks. Consciousness and Cognition, 18(1), 193–215.
64. Northoff, G. (2009). Depression and the brain's input: Intrinsic brain activity and difference-based coding. Neuropsychanalysis, 11(1), 85–86.
65. Grimm, S., Ernst, J., Boesiger, P., Schuepbach, D., Hell, D., Boeker, H., Northoff, G. (2009). Increased self-focus in major depressive disorder is related to neural abnormalities in subcortical-cortical midline structures. Human Brain Mapping, 30(8), 2617–2627.
66. Heinzl, A., Grimm, S., Beck, J., Schuepbach, D., Hell, D., Boesiger, P., Boeker, H., & Northoff, G. (2009). Segregated neural representation of psychological and somatic-vegetative symptoms in severe major depression. Neuroscience Letters, 456(2), 49–53.
67. Heinzl, A., & Northoff, G. (2009). Kripke’s modal argument is challenged by his implausible conception of introspection. Journal of Philosophy, 22, 13–31.
68. Bermpohl, F., Walter, M., Sajonz, B., Lücke, C., Hägele, C., Sterzer, P., Adli, M., Heinz, A., & Northoff, G. (2009). Attentional modulation of emotional stimulus processing in patients with major depression – Alterations in prefrontal cortical regions. Neuroscience Letters, 463(2), 108–13.
69. Heinzl, A. & Northoff, G. (2009). Emotional feeling and the orbitomedial prefrontal cortex: Theoretical and empirical considerations. Philosophical Psychology, 22(4), 443–464.
70. Northoff, G. (2009). What are the subjective processes in our brain? Empirical and ethical implications of a relational concept of the brain. American Journal of Bioethics, 9(9), 27–28.
71. Northoff, G. (2009). What is neuroethics? Empirical and theoretical neuroethics. Current Opinion in Psychiatry, 22(6), 565–69.
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Book Chapters (Peer-Reviewed)

1. Northoff, G. (in press). Neurophilosophy. In Galizia, C.G. & Lledo, P-M. (Eds.), Neurosciences. Berlin, Germany: Springer-Verlag.
2. Northoff, G. (2012). Functional and empirical presuppositions in Russell and Panksepp: Neural predispositions of affect. In Zachar, P. & Ellis, R.D. (Eds.), Categorical versus Dimensional Models of Affect: A Seminar on the Theories of Panksepp and Russell. Philadelphia, PA: John Benjamins.
3. Northoff, G. (2011). Brain and religion: What are the neuronal and neuro-epistemic predispositions of religious belief? In Korsch, D. & Griffioen, A.L. (Eds.), Interpreting Religion. Tübingen, Germany: Mohr Siebeck.
4. Northoff, G. (2011). Neurobiologische Grundlagen des phänomenalen Selbstbewusstseins. In Schiepek, G. (Ed.), Neurobiologie der Psychotherapie. Stuttgart, Germany: Schattauer.
5. Northoff, G. (2011). Psychotherapie und Gehirnaktivität. In Schubert, C. (Ed.), Psychoneuroimmunologie und Psychotherapie. Stuttgart, Germany: Schattauer.
6. Northoff, G. (2010). The brain and its self: Concepts of self and the cortical midline structures. In Han, S. & Poppel, E. (Eds.), Culture and Neural Frames of Cognition and Communication. Beijing, China: Springer.
7. Northoff, G. (2010). Sind wir nichts als Gehirn? Das Selbst und sein Gehirn. In Rosenzweig, R. (Ed.), Geistesblitz und Neuronendommer. Munster, Germany: Mentis.
8. Northoff, G. (2010). Pädophilie. In Müller, J. (Ed.), Neurobiologie forensisch-relevanter Störungen. Stuttgart, Germany: Kohlhammer.
9. Northoff, G. (2010). Selbst, Gehirn and Umwelt. In Persönlichkeitsstörungen, Theorie und Therapie, Selbstwahrnehmung und Selbstbild. Stuttgart, Germany: Schattauer.
10. Northoff, G. (2010). Psychoanalyse und Wissenschaft Neurobiologische Grundlagen des phänomenalen Selbstbewusstseins Kortikale und subkortikale Prozesse. In Boker, H. (Ed.), Psychoanalyse im Dialog mit den Nachbarwissenschaften. Gießen, Germany: Psychosozial-Verlag.

11. Northoff, G. (2010). Freier Willie und Gehirn – eine neuro-relationale Hypothese. In Stompe, T. & Schanda, H. (Eds.), Der Freie Wille und die Schuldfähigkeit: In Recht, Psychiatrie und Neurowissenschaften. Berlin, Germany: Medizinisch Wissenschaftliche Verlagsgesellschaft.
12. Northoff, G. (2007). Katatonie – Biologie und Pathophysiologie. In Kircher, T. (Ed.), Kognitive Neuropsychologie der Schizophrenie. Berlin, Germany: Springer.
13. Northoff, G. (2007). Die Neurobiologie der Religion. In Muentert, N. (Ed.), Religion und Neurowissenschaften. Köln, Germany: Psychiatrie.
14. Northoff, G. (2007). Phenomenal time and the self in depression – a neurophenomenological hypothesis. In Fuchs, T. & Mundt, C. (Eds.), Phenomenology and Neuroscience of Time in Neuropsychiatric Disorders. Oxford, U.K.: Oxford University Press.
15. Northoff, G. (2006). Können wir unser eignes Gehirn als Gehirn erkennen? In Reichertz, J. & Zaboura, N. (Eds.), Akteur Gehirn – oder das vermeintliche Ende des handelnden Subjekts. Berlin, Germany: Springer.
16. Northoff, G. (2006). Was ist Selbst? Selbstbezogenes Processing und seine neuronalen Korrelate. In Foerstl, H. (Ed.), Theory of mind. Berlin, Germany: DeGruyter.
17. Northoff, G. (2004). Brain imaging in catatonia. In Caroff, S. (Ed.), Catatonia: From Psychopathology to Neurobiology. Arlington, VA: American Psychiatric Publishing.
18. Northoff, G. (2004). Personal identity and brain transplants – a philosophical and empirical study. In Thome, J. & Schramme, J. (Eds.), Psychiatry and Philosophy. Berlin, Germany: De Gruyter.
19. Heinzl, A. & Northoff, G. (2004). Kognitive Neurowissenschaft und Emotionen: Konzeptuelle Unmöglichkeit oder fruchtbare Symbiose? In Krause, B.J. & Mueller-Gaertner, H.W. (Eds.), Bildgebung des Gehirns und Kognition. München, Germany: EcoMed Verlag.
20. Northoff, G. (2004). Psychoanalyse und Neurowissenschaften: Kompatibilität! In Boeker, H. (Ed.), Psychoanalyse und Psychiatrie. Berlin, Germany: Springer.
21. Northoff, G. (2003). The self in philosophy, neuroscience and psychiatry: An epistemic approach. In David, A. & Kircher, T. (Eds.), The Self in Neuroscience and Psychiatry. Cambridge, U.K.: Cambridge University Press.
22. Northoff, G. (2003). Catatonia: Pathophysiology and psychopathology of a psychomotor syndrome. In Adelman, G. & Smith, B. (Eds.), Encyclopedia of Neuroscience. New York, NY: Elsevier.
23. Northoff, G. (2002). Are we our brains? Personal identity and “philosophy of the brain” – a combined ontological and empirical investigation. In Kanzian, C., Quitterer, J., & Runggaldier, E. (Eds.), Persons: An Interdisciplinary Approach. Proceedings of the 25th International Wittgenstein Symposium. Kirchberg Am Wechsel, Austria: Austrian Ludwig Wittgenstein Society.

24. Northoff, G. (2002). Praefrontale kortikale Funktion und Depression: Benötigen wir eine physiologisch orientierte Psychotherapie? In Boeker, H. & Hell, D. (Eds.), Therapie der affektiven Störungen. Stuttgart, Germany: Schattauer.
25. Northoff, G. (2002). Multilevel neuron and network modeling in computational neuroanatomy. In Gersen, S., Keagle, M. (Eds.), The Principles of Cytogenetics. Totowa, NJ: Humana Press Inc.
26. Northoff, G. (2001). Das Gehirn, der Leib und das Leib-Seele Problem. In Illhardt, F.J. (Ed.), Körper und Leib in der Psychiatrie. Stuttgart, Germany: Schattauer.
27. Northoff, G. (2000). Katatonie als ein paradigmatisches Modell einer neuropsychiatrischen Erkrankung zwischen Geist und Gehirn. In Höffler, J. (Ed.), Traditionelle Konzepte der Katatonie. New York, NY: Thieme.
28. Northoff, G. (2000). Phänomenale, tiefenpsychologische und neurowissenschaftliche Perspektiven der Katatonie: Eine epistemische Betrachtung. In Böker, H. (Ed.), Depression und Manie: Psychodynamische Theorien, individuumzentrierte Forschung und psychotherapeutische Praxis. Gießen, Germany: Psychosozial-Verlag.
29. Northoff, G. (2000). Subjective experience of catatonia: Construct-analytical findings by means of modified Landfield categories. In Scheer, J. (Ed.), The Person in Society: Challenges to a Constructivist Theory. Gießen, Germany: Psychosozial-Verlag.
30. Northoff, G. (2000). Biologische Befunde zur Pathophysiologie des katatonen Syndroms. In Bräunig, P. (Ed.), Katatonie. Berlin, Germany: Springer.
31. Dech, H. & Northoff, G. (1999). Affektive, kognitive und motorische Veränderungen bei Akathisie. In Machleidt, W., Halternet, H. & Gaslipp, P. (Eds.), Schizophrenie – eine affektive Erkrankung? Grundlagen, Phänomenologie, Psychodynamik und Therapie. Stuttgart, Germany: Schattauer.
32. Northoff, G. (1997). Reduced number of NOS immunoreactive neurons in the Nucleus paraventricularis thalami of depressed patients and schizophrenics. In Korf, H-W., Usadel, K-H. (Eds.), Neuroendocrinology. Berlin, Germany: Springer.
33. Northoff, G. (1997). Neuropsychiatrische Phänomene und das Leib-Seele Problem. In Northoff, G. (Ed.), Neuropsychiatrie und Neurophilosophie. Munster, Germany: Mentis.
34. Northoff, G. (1997). Psychomotorische Syndrome als paradigmatische Beispiele der Geist-Gehirn Relation. In Northoff, G. (Ed.), Neuropsychiatrie und Neurophilosophie. Munster, Germany: Mentis.
35. Northoff, G. (1997). Mental states in phenomenological and analytic philosophy – A comparison between M. Merleau-Ponty and T. Nagel. In Meggele, G. (Ed.), Analysomen 2: Proceedings of the 2nd Conference "Perspectives in Analytical Philosophy". Berlin, Germany: De Gruyter.

36. Northoff, G. (1996). Personale Identität und Erste-Person Perspektive bei Erkrankungen des Gehirns: Theoretische und empirische Implikationen. In Hubig, C. & Poser, H. (Eds.), Cognitio humana - Dynamik des Wissens und der Werte. Leipzig, Germany.
37. Northoff, G. (1995). Effects of benzodiazepines in hypokinetic catatonia – A pathophysiological model. In Beckmann, H. & Neumärker, K. (Eds.), Endogenous Psychosis. Berlin, Germany: Ullstein Mosby.
38. Northoff, G. (1994). Ein neuropsychiatrisches Konzept. In Huffmann, G., Braune, H-J., & Henn, K-H. (Eds.), Extrapyramidalmotorische Erkrankungen. Reinbeck/Hamburg, Germany: Einhorn Presse.
39. Northoff, G. (1992). Psychosomatics: The lived body and anthropological medicine: Concerning a case of atopic dermatitis. In Leder, D. (Ed.), The Body in Medical Thought and Practice. Dordrecht, The Netherlands: Kluwer Academic Publishers.
40. Northoff, G. (1990). Toward a Husserlian phenomenology of the initial stages of schizophrenia. In Spitzer, M., Uehlein, F.A., & Oepen, G. (Eds.), Psychopathology and Philosophy. Berlin, Germany: Springer.

RECENT PRESENTATIONS

March 22, 2013: Concepts and Facts in Neurophilosophy / *Munich, Germany*

March 19, 2013: The Depressed Brain and Its Resting State / *Chieti, Italy*

March 16, 2013: Depression and the Self / *Turin, Italy*

March 11, 2013: The Self and Its Brain / *University of Bonn, Germany*

December 6, 2012: The Self and Its Brain / *Taiwan*

October 20, 2012: Understanding the Self: A Cultural Neuroscience Approach / *University of California, Los Angeles, CA*

October 18, 2012: Brain and Subjectivity? Kant, Whitehead and the Hard Problem / *Haddon Conference Center, Claremont School of Theology, Claremont, CA*

October 11, 2012: Wer lebt Mich ? Die Praxis der Individualität zwischen Fremd- und Selbstbestimmung Neurobiologische Voraussetzungen der Individualität / *Theologische Fakultät, Berlin*

October 8, 2012: Nutrire la Mente: Dalla Prevenzione alla Riabilitazione Oggi. / *Società Italiana di Psichiatria, Milano*

September 27, 2012: Brain Between Biology and Culture: A Transdisciplinary Reflection / *Sietar Forum, Berlin*

September 19, 2012: Resilient and Ready / *Centurion Convention Center, Ottawa*

August 25, 2012: *Brain Dynamics and Cognition Research Center, Kuitar University, Istanbul*

June 21, 2012: *Die neurobiologische Suche Nach dem "Ich": Korrelate des selbstbezogenen Prozessierens Hanns Seidel Stiftung / Munich, Germany*

May 25, 2012: *Mental Illness: New Understanding, New Treatments: Glutamate and GABA in Depression / CCNP Presidential Symposium, Vancouver*

May 2, 2012: *What is Neuroethics and Why is it Relevant? The Self and Its Brain: A Neuroethical and Neurophilosophical Account / University of Illinois, Chicago, IL*

March 30, 2012: *Images of Depression, Psychopathology of the Self in Depression: Neuroimaging and Hypotheses on Abnormal Brain Activity / Salso Maggiore, Italy*

March 28, 2012: *The Biopsychosocial Approach to Post-Stroke Rehabilitation (Innovation in Research and Clinical Practice): The Self and the Brain / Bellaria Hospital, Italy*

March 22, 2012: *Neurology of Depression and Related Conditions: Is Depression a Resting State Disorder? / American Neuropsychiatric Association, New Orleans, LA*

March 21, 2012: *When Neurologic Conditions Mimic Psychiatric Disorders: Catatonia / American Neuropsychiatric Association, New Orleans, LA*

February 2012: *Grand Rounds Talk / University of Michigan, Ann Arbor, MI*

December 7, 15, 2011: *The Self Between Neuroscience and Philosophy: A Cross-Disciplinary Approach / Research Center for Humanities and Social Sciences, National Cheng Kung University, Tainan City, Taiwan / Center for Neurobiology and Cognitive Science, National Taiwan University, Taiwan*

November 19, 2011: *What Can the Brain Tell Us about Emotions? / Institute for Culture and Society, Universidad de Navarra, Pamplona, Spain*

October 6, 2011: *Religion and Neuroscience / Haddon Conference Centre, Claremont School of Theology, Claremont, CA*

October 5, 2011: *The Self Between the Brain's Resting State and the World's Different Cultures / University of Michigan, Ann Arbor, MI*

October 1, 2011: *Neuropsychanalysis: How Can We Practice Such a Transdisciplinary Enterprise? / Arnold Pfeffer Center for Neuropsychanalysis, New York Psychoanalytic Institute, New York, NY*

September 10, 2011: *Brain Imaging in PD's: A Neuropsychodynamic Account / New York Presbyterian Hospital, College of Cornell University, White Planes, NY*

July 18, 2011: *Functional Neurosurgery / Krembil Neuroscience Grand Rounds, Toronto Western Hospital, Toronto*

June 17, 2011: *Pathophysiology & Psychopathology of Depression / University of Ottawa, Roger Guindon Building, Ottawa*

May 31, 2011: Psychopathology and Pathophysiology of Depression. / *Johns Hopkins University School of Medicine, Baltimore, MD*

April 5, 2011: Is the Brain's Resting State Activity Relevant? Neuroscientific and Neuropsychiatric Investigations / *Bioimaging Sciences Seminar, Yale University, New Haven, CT*

March 28, 2011: Emotions, Self and the Brain: Lessons from Functional Imaging / *Rotman/KLARU Conference, Rotman Research Institute, Toronto*

March 15, 2011: Depression - Psychopathology and Pathophysiology / *Technical University of Munich, Munich, Germany*

March 9, 2011: Psychotherapy and Psychosomatics / *University of Vienna, Salzburg, Vienna*

March 4, 2011: The Self and Its Brain - A Relational Account / *University of Parma, Bologna, Italy*

March 3, 2011: Principles of Neuronal Integration and Defense Mechanisms / *University of Rome, Rome, Italy*

February 28–March 1, 2011: Neurobiological Conditions of Affectivity, Decisions and Virtues / *19th Annual Pontifical University of the Holy Cross, School of Philosophy Conference: Neuroscience and Moral Action, Rome, Italy*

February 24, 2011: Transcultural Neuroscience and Psychiatry: A Comparison Between East and West / *Workshop Ontario, Toronto*

February 18, 2011: What is Neurophilosophy? A Methodological Account / *Winter Colloquium Series, Department of Philosophy, Carleton University, Ottawa*

January 23–24, 2011: Towards a New Pathophysiology of Depression: The Possible Role of Astocytic Glutamate Transport Dysfunction / *Winter Conference on Brain Research (WCBR), Keystone, CO*

December 3–4, 2010: What is Self? Empirical and Conceptual Considerations / *Studies of Social Cognitive Neuroscience: Understanding Self and Others in Sociocultural Contexts, Peking University, Beijing, China*

November 25, 2010: The Self and Its Brain: A Relational Approach / *fMRI and PET Studies Lectures, Chinese University of Hong Kong, Hong Kong*

November 18, 2010: What is Neuropsychoanalysis? / *Scientific Meeting of the Ottawa Psychoanalytic Society, Ottawa*

November 16, 2010: Depression: What Brain Imaging Can Tell Us About Its Pathophysiology and Psychopathology / *First National Research Forum for Military and Veteran Health, Queen's University, Kingston*

November 6–7, 2010: How can we Rehabilitate the Self in Neuropsychiatric Disorders? / *Rehabilitaion and Neuropsychoanalysis Conference, University of Bologna, Bologna, Italy*

October 28–31, 2010: How can the Infant called Neuropsychanalysis Grow into a Mature Adult? Conceptual and Empirical Considerations / *Freud and Neurosciences Conference, Berlin, Germany*

October 21–22, 2010: Neuroscience and Humanities: A Successful Marriage? / *Neuro-STS Congress, University of Basel, Basel, Switzerland*

September 28–October 7, 2010: Brain Imaging and Its Self / *Institute of Cognitive Science Studies (ICSS) Workshop, Institute of Cognitive Science Studies, Tehran, Iran*

September 24–25, 2010: Decision Making from Brain Imaging to Ethical Relevance / *States of Mind: Neuroethics NET Workshop, Lake Simcoe*

September 8–10, 2010: Psychotherapy and the Brain / *University of Zurich, Zurich, Switzerland*

September 2, 2010: Psychology and Pathophysiology of Depression / *Bochum University, Bochum, Germany*

August 29–September 1, 2010: Glutamate and the Prefrontal Cortex in the Psychopathology of Depression: A Combined fMRI-MRS Approach / *23rd ECNP Congress, Amsterdam RAI Exhibition & Convention Centre, Amsterdam, The Netherlands*

July 23–25, 2010: How to Conduct Neuropsychanalysis? A Methodological Prescription for Research / *11th International Neuropsychanalysis Congress, University of Washington, Seattle, WA*

May 20–22, 2010: Default Network Activity and the Risk of Self-Pathology / *65th Annual Scientific Society of Biological Psychiatry Convention, New Orleans, LA*

May 5, 2010: Neuroscience and the Humanities: Can They Marry? / *European Commission, Brussels, Belgium*

April 30–May 2, 2010: Neuroscience and the Methods to Research the Self / *International Emotion in Therapy and Consultation Congress, Vienna, Austria*

April 30–May 2, 2010: Neuroscience and Philosophy: A Successful Marriage? / *International Emotion in Therapy and Consultation Congress, Vienna, Austria*

March 25, 2010: Mind, Brain and Soul / *Mary's Hospital, State Association and Psychotherapy, Bregenz, Austria*

March 23, 2010: Emotion Between Body and Mind: Religion and the Brain / *University of Marburg, Marburg, Germany*

March 22, 2010: The Self and Its Brain / *University of Rome, Rome, Italy*

March 17, 2010: Why Is There a Difference Between Brain and Self Rather Than None? / *European Community, Brussels, Belgium*

February 28–March 3, 2010: Subcortical Regions and their Relevance in Emotion Processing in Depression. The Lateral Habenula: Its Role in Behavior and Psychiatric Disorders / *The Banbury Center, Cold Spring Harbor Laboratory, Long Island, NY*

February 24–26, 2010: Psychopathology and Pathophysiology of Depression / *Vanderbilt Psychiatric Hospital, Vanderbilt School of Medicine, Nashville, TN*

February 19, 2010: Psychopathology and Pathophysiology of Depression / *Centre de Recherche en Neuropsychologie et Cognition (CERNEC), Montreal*

February 10, 2010: Neuroethics: Empirical and Conceptual Considerations / *Neuroethics Interinstitutional Seminar Series, McGill University, Montreal*

January 28, 2010: Neurophilosophy and Neuroscience: A Successful Marriage? / *Andrew Brook Distinguished Lecture Series, Carleton University, Ottawa*

January 26, 2010: Imaging Techniques / *University of Ottawa, Ottawa*

December 5, 2009: Depression and Functional Brain Imaging / *30th Annual Academic & Research Day, University of Ottawa, Ottawa*

November 25, 2009: Self and Neurophilosophy / *Body, Perception and Awareness: Motor and Multimodal Perspectives, Torun, Poland*

November 25, 2009: The Self and Its Body: Our “Material Me” / *Invited keynote lecture at Body, Perception and Awareness: Motor and Multimodal Perspectives, Torun, Poland*

November 19, 2009: Is Schizophrenia a Disorder of the Self? Abnormal Attunement and Neural Contextualization: A Neurophenomenal Hypothesis. / *Cambridge/Lutton International Conference on Mental Health, Cambridge, U.K.*

November 11, 2009: The Self and Its Brain / *Berlin, Germany*

November 7, 2009: Brain Imaging of the Depressed Self / *Open Minds Across Canada: Mental Health Symposium, Ottawa*

October 9–11, 2009: The Intuition of the Self / *Brainstorm and Neurons: Intuition, Creativity and Imagination. Tower of Senses Symposium, Nürnberg, Germany*

September 27–30, 2009: Transcultural Differences and Empathy: An fMRI study / *2nd World Congress of Cultural Psychiatry Symposium on Cultural Neuroscience, Norica, Italy*

September 23–26, 2009: What is Neuropsychanalysis? Mapping of a Novel Discipline / *20th World Congress on Psychosomatic Medicine, Torino, Italy*

September 22, 2009: The Self: Neuroscience & Neurophilosophy / *International Summer School in Neuroscience and Philosophy of Mind, Alghero, Italy*

July 3–5, 2009: The Self in Neurobiology and Psychotherapy / *Neurobiology of Psychotherapy: Relations and Complexity, University of Salzburg, Austria*

July 1, 2009: Pathophysiology and the Orbitofrontal Context in Catatonia / *9th World Congress of Biological Psychiatry, Paris, France*

June 28, 2009: Increased Self-Focus in Major Depressive Disorder is Related to Neural Abnormalities in Subcortical-Cortical Midline Structures / *9th World Congress of Biological Psychiatry, Paris, France*

June 28, 2009: Altered Negative BOLD Responses in the Default Mode Network During Emotion Processing in Depressed Subjects / *9th World Congress of Biological Psychiatry, Paris, France*

June 27, 2009: What Neuroscience and Neurophilosophy can Learn from Psychoanalysis: Neuropsychoanalysis as Paradigmatic Discipline / *10th Annual International Neuropsychoanalysis Congress, Paris, France*

June 15–19, 2009: How Can Neuroscience Support Phenomenological and Psychotherapeutic Understanding of Psychosis? / *16th International Symposium for the Psychological Treatments of the Schizophrenias and Other Psychoses, Copenhagen, Denmark*

June 5, 2009: Is the Spirit in the Brain? A Neuroscientific and Neurophilological Consideration / *Mind and Brain Symposium: Suggestions for Content Psyche and Brain, Bern, Switzerland*

May 24, 2009: The Brain and Its Self: The Central Role of Subcortical-Cortical Midline Structures / *Association for Psychological Science 21st Annual Convention, San Francisco, CA*

May 23, 2009: How can We Investigate Higher Phenomena Like the Self in Functional Imaging? Empirical Methodology for a First-Person Neuroscience / *IssueinfMRI.ca, University of Guelph, Guelph*

May 14–16, 2009: Comparison Between Animal Models and Human Imaging in Major Depressive Disorder: Convergences and Divergences / *64th Annual Scientific Convention & Program, Society of Biological Psychiatry, Vancouver*

December 12, 2007: Functional Imaging of Emotions in Depression / *Grand Rounds, Department of Psychiatry, University of Wuerzburg, Germany*

December 5, 2007: What is Neuroethics? / *University of Freiburg, Freiburg, Germany*

November 23, 2007: Can We Understand the Neuronal Mechanisms of Subjective Experience? / *Invited honorary lecture at the Academy of Science and Art, Freiburg, Germany*

November 22, 2007: What is First-Person Neuroscience? / *Annual Meeting of the German Association for Psychiatry and Neurology, Berlin, Germany*

November 14, 2007: Neuroanatomy and Neurochemistry of Depression / *Invited plenary speaker at the opening of the Institute for Affective Neuroscience, University of Haifa, Israel*

November 3, 2007: What is Neuropsychoanalysis? Mapping of the Field / *Invited honorary lecture at the Arnold Pfeffer Institut for Psychoanalysis, New York, NY*

October 22, 2007: Are Emotions Embedded? A Neurophilosophical Perspective / *International Conference for Neurophenomenology, University of Florida, Gainesville, FL*

October 10, 2007: Neurochemical mechanisms in Depression / *Grand Rounds, University of Zurich, Zurich, Switzerland*

October 6, 2007: Emotions and the Frontal Cortex / *Annual Meeting of the Society of Neuropsychology, Bamberg, Germany*

July 25, 2007: Self, Brain and Qualia: A Neurophilosophical Perspective / *Annual Meeting of the World Association for Consciousness, Budapest, Hungary*

September 20, 2007: What is Neurophilosophy? / *Honourary lecture at the University of Munich, Munich, Germany*

July 21, 2007: Is There Abnormal Introjection in Depression? A Neuropsychanalytic Perspective / *Annual Meeting of the Society of Neuropsychanalysis, Vienna, Austria*

July 18, 2007: Neural Mechanisms of Anhedonia in Depression / *Inaugural meeting of the Hope for Depression Research Foundation (HDRF), Vienna, Austria*

July 6, 2007: Neuroimaging and Neuroethics in Forensic Psychiatry / *Conference for Biology and Ethics in Forensic Psychiatry, University of Goettingen, Germany*

July 5, 2007: Emotion and Depression in Functional Imaging / *Meeting of the World Association for Neuropsychology, Bilbao, Spain*

June 26, 2007: The Self and Its Cortical Midline Structures / *Symposium: Self and the Brain: Association for the Scientific Study of Consciousness, Las Vegas, NV*

June 13, 2007: Functional Imaging in Diagnosis and Therapy of Depression / *Grand Rounds, Vivantes Clinic for Psychiatry, Berlin, Germany*

June 8, 2007: fMRI in Psychiatry – Clinical Utility? / *Society of Radiology of Germany, Dessau, Germany*

May 24, 2007: Do We Need a First-Person Neuroscience? / *Symposium for Neuroscience and Psychoanalysis, American Psychiatric Association, San Diego, CA*

May 19, 2007: Neural Correlates of Anhedonia in Depression / *Symposium for Emotions and Functional Imaging, Society for Biological Psychiatry, San Diego, CA*

May 8, 2007: Emotions and Their Neural Correlates in Our Brain / *Meeting of the European Union for Emotions, University of Haifa, Israel*

May 1 -3, 2007: Self and the Brain/Depression and Functional Imaging/Emotions and Our Brain / *Invited Honourary Lectures, University of Yerevan, Armenia*

April 25, 2007: Emotional Feelings: Neuroimaging and Neurophilosophy / *Humboldt University, Berlin, Germany*

March 13, 2007: Kant and Neuroscience: A Neurotranscendental Approach / *Symposium for Neurophilosophy, University of Ludwigsburg, Germany*

March 16, 2007: What is Consciousness? / *Berlin Brandenburg Academy of Science, Berlin, Germany*

January 31, 2007: Imaging and Neuroethics – A Future Collaboration? / *Grand Rounds, Department of Psychiatry, University of Cologne, Germany*

January 27, 2007: What is Neuroethics? / *National Academy of Ethics, Bonn, Germany*