BT Thomas Yeo

Electrical & Computer Engineering
National University of Singapore
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My Google Scholar

EDUCATION

Massachusetts Institute of Technology   2004 - 2010
Ph.D. in Computer Science
Advisors: Polina Golland (MIT) & Bruce Fischl (Harvard Medical School)
MICCAI Young Scientist Award

Stanford University   1998 - 2002
B.S. & M.S. in Electrical Engineering
Frederick Terman Award

RESEARCH INTERESTS

Machine Learning, Neuroscience, Brain Imaging, Mental Disorders, Big Data

APPOINTMENTS

Assistant Professor, Electrical & Computer Engineering   Nov 2013 - Now
National University of Singapore

Assistant Professor, Clinical Imaging Research Centre   Nov 2013 - Now
National University of Singapore

Assistant Professor, Singapore Institute for Neurotechnology   Nov 2013 - Now
National University of Singapore

Affiliated Faculty, Martinos Center for Biomedical Imaging   Jun 2013 - Now
Massachusetts General Hospital, Harvard Medical School

Postdoctoral Fellow, Center for Cognitive Neuroscience   2011 - 2013
Duke-NUS Graduate Medical School

Postdoctoral Fellow, Center for Brain Science   2009 - 2011
Howard Hughes Medical Institute & Harvard University

Research Assistant, Martinos Center for Biomedical Imaging   2005 - 2009
Harvard Medical School

Research Assistant, Computer Science & Artificial Intelligence Lab   2004 - 2010
Massachusetts Institute of Technology

TEACHING EXPERIENCE

Faculty at National University of Singapore   Nov 2013 - Now
Undergrad & graduate classes on machine learning & signal processing
Average instructor rating: 4.6/5.0
Faculty Teaching Commendation List (2015, 2016)

PUBLICATIONS (SELECTED)

Full publication list available in Appendix or Google Scholar

1. X Zhang, Mormino EC, Sun N, Sperling RA, Sabuncu MR, <u>Yeo BTT</u> (2016) Bayesian model reveals latent atrophy factors with dissociable cognitive trajectories in Alzheimer's disease. Proceedings of the National Academy of Sciences USA, 113:E6535-E6544, 2016

2. Bertolero MA, <u>Yeo BTT</u>, D'Esposito M (2015) The modular and integrative functional architecture of the human brain. Proceedings of the National Academy of Sciences USA, 112:E6798-E6807

3. <u>Yeo BTT</u> et al. (2015) Functional specialization and flexibility in human association cortex. Cerebral Cortex, 25:3654-3672

4. <u>Yeo BTT</u> et al. (2014) Estimates of segregation and overlap of functional connectivity networks in the human cerebral cortex. Neuroimage 88:212-227

5. <u>Yeo BTT</u> et al. (2011) The organization of the human cerebral cortex revealed by intrinsic functional connectivity. J Neurophysiology 106:1125-1165

6. Sabuncu MR, <u>Yeo BTT</u>, Van Leemput K, Fischl B, Golland P (2010) A generative model for image segmentation based on label fusion. IEEE Transactions on Medical Imaging, 29(10):1714–1729

7. <u>Yeo BTT</u> et al. (2010) Spherical demons: fast diffeomorphic landmark-free surface registration. IEEE Transactions on Medical Imaging, 29(3):650–668

AWARDS (SELECTED)

National Research Foundation Fellowship	2017
NUS Young Researcher Award	2017
Best Journal Paper Finalist, NeuroImage	2015
NUS Young Investigator Award	2015
MICCAI Young Scientist Publication Impact Award	2011
Best Paper Finalist: MICCAI Young Scientist Award in Image Registration	2008
Best Paper Winner: MICCAI Young Scientist Award in Computational Anatomy	2007
A*STAR National Science Fellowship: Full PhD Funding at MIT	2004
Frederick E. Terman Award: Top 5% Stanford Engineering Graduating Class	2002
Hewlett-Packard Agilent Technologies Project Award	2001
PSC Overseas Merit Scholarship: Full Undergrad Funding at Stanford	1998
Bronze Medal, International Physics Olympiad	1997

TRAINEE AWARDS (SELECTED)

Wallonie-Bruxelles International-World Excellence Fellowship (€28,800) Raphael Liegeois	2015 - 2017
German DAAD Postdoctoral Fellowship (€47,170) Alexander Schaefer	2015 - 2016

ISMRM Travel Award (US$475): Ru Kong, Xiuming Zhang 2016

OHBM Merit Abstract Award (US$2000): Ru Kong 2016

GRANTS

PI, National Research Foundation Fellowship, USD$1,630,000 2017 - 2022
Unsupervised Machine Learning of Mental Disorder Factors From MRI

PI, NUS Young Investigator Award, USD$357,000 2016 - 2019
Unsupervised Machine Learning of Alzheimer's Disease Subtypes

PI, MOE Tier 2 Grant, USD$733,000 2015 - 2018
Probabilistic Fusion of Complementary Information for Brain Network Segmentation

Co-I, NUS Strategic Research Grant, USD$3,570,000 2015 - 2018
Memory Networks in Rodents and Primate

Co-I, NMRC CBRG, USD$856,000 2015 - 2018
Characterizing dynamic FC in the adult and developing brain using fMRI-EEG

Co-PI, MINDEF (SINAPSE Internal Grant), USD$307,000 2014 - 2017
Training of Visuospatial Skills in 3D

PI, MOE Tier 1 Grant, USD$214,000 2013 - 2016
Whole-Brain Human Resting-State Atlas and Beyond

PUBLIC SOFTWARE
All software available at https://sites.google.com/site/yeoyeo02/software

Yeo Lab Public Repository: https://github.com/ThomasYeoLab 2016 - Now

Alzheimer's Disease Atrophy Factors 2016

Cognitive Components Estimated From 10,449 Imaging Experiments 2015
Incorporated into Harvard Medical School FreeSurfer Software 6.0 (>18K users)

Resting-State Atlases of Brain Networks Estimated from 1000 subjects 2011
Incorporated into Harvard Medical School FreeSurfer Software 5.2 (>18K users)
Released as part of the NIH Human Connectome Project

Non-parametric Image Segmentation Software 2010

Spherical Demons: Fast Surface Registration 2010

Diffusion Registration with Exact Finite Strain Differential 2009

Overcomplete Spherical Wavelets 2009

TALKS (SELECTED)

KAIST, Launching Symposium of KIHST Jun 2016
Hierarchical Bayesian Models of Brain Function and Disorder Daejeon, South Korea

ISMRM Educational Lecture May 2016
Introduction to Resting-State fMRI & Functional Connectivity Singapore

UC Berkeley, Brain Imaging Center Research Day Keynote Jan 2016
Hierarchical Bayesian Models of Brain Function and Disorder Berkeley, CA

Stanford University, Poldrack Lab Jan 2016
Hierarchical Bayesian Models of Brain Function and Disorder Stanford, CA

University of Washington in St. Louis, NIAC Seminar Series Jan 2016
Hierarchical Bayesian Models of Brain Function and Disorder St. Louis, MO

Boston University, Center for Systems Neuroscience Seminar Series Jan 2016
Hierarchical Bayesian Models of Brain Function and Disorder Boston, MA

MIT, Golland Lab Jan 2016
Hierarchical Bayesian Models of Brain Function and Disorder Cambridge, MA

Harvard Medical School, Martinos Center BrainMap Seminar Jan 2016
Hierarchical Bayesian Models of Brain Function and Disorder Charlestown, MA

Human Brain Mapping Workshop Jun 2015
From Mapping Functions to Functional Mapping Honolulu, USA
Functional Specialization and Flexibility in Human Association Cortex

Brain Connectivity Workshop Jun 2014
Network Organization in Human Association Cortex Hamburg, Germany

Whistler Workshop on Brain Function Mar 2014
Functional Specialization and Confluence in Human Association Cortex Whistler, Canada

IEEE Life Science Grant Challenge Dec 2013
Large-Scale Analytics of Brain Imaging Data Singapore

Stanford University, Stanford Cognitive and Systems Neuroscience Lab Nov 2013
Functional Specialization and Confluence in Human Association Cortex Stanford, USA

UC Berkeley, D'Esposito Lab Nov 2013
Functional Specialization and Confluence in Human Association Cortex Berkeley, USA

MICCAI Workshop on Mathematical Methods for Brain Connectivity Sep 2013
Organization of Human Brain Estimated by Intrinsic Functional Connectivity Nagoya, Japan

Boston University, Graduate Program for Neuroscience Nov 2011
Large Scale Organization of the Human Cerebral Cortex Boston, USA

Harvard Medical School, Martinos Center Brain Mapping Seminar May 2011
Large Scale Organization of the Human Cerebral Cortex Charlestown, USA

Harvard University, Center for Brain Science Neurolunch May 2011
Large Scale Organization of the Human Cerebral Cortex Cambridge, USA

John Hopkins, Center for Imaging Science May 2011
Supervised Image Registration and Segmentation of Brain Images Baltimore, USA

Human Brain Mapping Workshop   Jun 2010
Multi-Subject Surface-Based Analysis of fMRI Data   Barcelona, Spain
Beyond Blind Anatomical Alignment for Analysis of Brain Function

Harvard Medical School, Martinos Center BrainMap Seminar   Feb 2010
Learning Application-Optimal Image Registration   Charlestown, USA

University of Oxford, FMRIB   Sep 2009
Learning Task-Optimal Image Registration   Oxford, UK

IBM Almaden Research Center   Jun 2009
Spherical Demons: Fast Surface Registration   San Jose, USA

Ecole Centrale Paris, Medical Imaging and Computer Vision Group May 2008
Spherical Demons: Fast Diffeomorphic Landmark-Free Surface Registration   Paris, France

Paris Descartes University   May 2008
Spherical Demons: Fast Diffeomorphic Landmark-Free Surface Registration

PROFESSIONAL SERVICES

Editor, NeuroImage   2016 - Now

OHBM Communications Committee ([OHBM brain mapping blog](#))   2016 - Now

OHBM Committee on Best-practices in Data-Analysis and Sharing   2014 - 2016

Program Committee, Medical Image Computing and Computer Assisted   2012 - 2013
Intervention (MICCAI) Multimodal Brain Image Analysis workshop

Reviewer for Nature, Nature Neuroscience, PNAS, NeuroImage,
Cerebral Cortex, IEEE Transactions on Medical Imaging, OHBM, MICCAI
Biological Psychiatry, Medical Image Analysis, Journal of Neuroscience

APPENDIX: PUBLICATION LIST

H-INDEX = 26 (source: https://scholar.google.com.sg/citations?user=BOUzsU8AAAAJ&hl=en)

BOOK CHAPTERS & WHITE PAPERS

1. Nichols TE, Das S, Eickhoff SB, Evans AC, Glatard T, Hanke M, Kriegeskorte, Milham MP, Poldrack RA, Poline JB, Proal E, Thirion B, Van Essen DC, White T, <u>Yeo BTT</u>. Best practices in data analysis and sharing in neuroimaging using MRI. OHBM Committee on Best Practices in Data Analysis and Sharing (COBIDAS) report

2. Schaefer AL, Kong R, <u>Yeo BTT</u> (2016) Functional connectivity parcellation of the human brain. In: Guorong Wu, Dinggang Shen, Sabuncu MR, editors. Machine Learning and Medical Imaging. Academic Press, pp. 3-29

3. <u>Yeo BTT</u> (2015) Automatic labeling of the human cerebral cortex. In: Arthur W. Toga, editor. Brain Mapping: An Encyclopedic Reference. Academic Press: Elsevier, vol 1, pp. 357-363

JOURNALS / PERSPECTIVES (* INDICATES EQUAL CONTRIBUTION)

1. Eickhoff SB, Constable RT, <u>Yeo BTT</u>. Topographic organization of the cerebral cortex and brain cartography. NeuroImage, 2017

2. van den Heuvel M, de Lange S, Zalesky A, Seguin C, <u>Yeo BTT</u>, R Schmidt. Proportional thresholding in resting-state fMRI functional connectivity networks and consequences for patient-control connectome studies: issues and recommendations. NeuroImage, 2017

3. van den Heuvel M, <u>Yeo BTT</u>. A spotlight on bridging microscale and macroscale human brain architecture. Neuron, 93:1248-1251, 2017

4. Nichols TE, Das S, Eickhoff SB, Evans AC, Glatard T, Hanke M, Kriegeskorte N, Milham MP, Poldrack RA, Poline JB, Proal E, Thirion B, Van Essen DC, White T, <u>Yeo BTT</u>. Best practices in data analysis and sharing in neuroimaging using MRI. Nat Neurosci, 20:299-303, 2017

5. X Zhang, Mormino EC, Sun N, Sperling RA, Sabuncu MR, <u>Yeo BTT</u>. Bayesian model reveals latent atrophy factors with dissociable cognitive trajectories in Alzheimer's disease. Proc Natl Acad Sci USA, 113:E6535-E6544, 2016

6. <u>Yeo BTT</u>, Eickhoff SB. A modern map of the human cerebral cortex. Nature, 536:152-154, 2016

7. Liegeois R, Ziegler E, Phillips C, Geurts P, Gomez F, Bahri MA, <u>Yeo BTT</u>, Soddu A, Vanhaudenhuyse A, Laureys S, Sepulchre R. Cerebral functional connectivity periodically (de)synchronizes with anatomical constraints. Brain Struct Func, 221:2985-2997, 2016

8. Krienen FM, <u>Yeo BTT</u>, Ge T, Buckner RL, Sherwood C. Transcriptional profiles of supragranular-enriched genes associate with corticocortical network architecture in the human brain. Proc Natl Acad Sci USA, 113:E469-E478, 2016

9. Bertolero MA, <u>Yeo BTT</u>, D'Esposito M. The modular and integrative functional architecture of the human brain. Proc Natl Acad Sci USA, 112:E6798-E6807, 2015

10. Holmes AJ, <u>Yeo BTT</u>. From phenotypic chaos to neurobiological order. Nat Neurosci, 18:1532-1534, 2015

11. <u>Yeo BTT</u>, Krienen FM, Eickhoff SB, Yaakub SN, Fox PT, Buckner RL, Asplund CL, Chee MWL. Functional specialization and flexibility in human association cortex. Cereb Cortex, 25:3654-3672, 2015

12. Ong JL, Kong DY, Chia TTY, Tandi J, <u>Yeo BTT</u>, Chee MWL. Co-activated yet disconnected - neural correlates of eye closures when trying to stay awake. Neuroimage, 118:553-562, 2015

13. <u>Yeo BTT</u>, Tandi J, Chee MWL. Functional connectivity during rested wakefulness predicts vulnerability to sleep deprivation. Neuroimage, 111:147-158, 2015

14. Krienen FM, Yeo BTT, Buckner RL. Reconfigurable state-dependent functional coupling modes clusters around a core functional architecture. Philos Trans Roy Soc B, 369:20130526, 2014

15. Buckner RL, Yeo BTT. Borders, Map Clusters, and Supra-Areal Organization of the Visual Cortex. Neuroimage, 93:293-297, 2014

16. Yeo BTT, Krienen FM, Chee MWL, Buckner RL. Estimates of segregation and overlap of functional connectivity networks in the human cerebral cortex. Neuroimage, 88:212-227, 2014

17. Baker JT, Holmes AJ, Masters GA, Yeo BTT, Krienen FM, Buckner RL, Ongur D. Disruption of Cortical Association Networks in Schizophrenia and Psychotic Bipolar Disorder. JAMA Psychiatry, 71:109-118, 2014 (COVER)

18. Buckner RL, Krienen FM, Yeo BTT. Opportunities and limitations of functional connectivity MRI. Nat Neurosci, 16:832-837, 2013

19. Mueller S, Wang D, Fox MD, Yeo BTT, Sepculre J, Sabuncu M, Shafee R, Lu J, Liu H. Individual variability in functional connectivity architecture of the human brain. Neuron, 3:586-595, 2013

20. Aganj I, Yeo BTT, Sabuncu MR, Fischl B. On removing interpolation and resampling artifacts in rigid image registration. IEEE Trans Image Process, 22:816-827, 2013

21. Choi EY, Yeo BTT, Buckner RL. The organization of the human striatum revealed by intrinsic functional connectivity. J Neurophysiology, 108:2242-2263, 2012 (COVER)

22. Sepulcre J, Sabuncu MR, Yeo BTT, Liu H, Johnson KA. Stepwise connectivity of the modal cortex reveals the multimodal organization of the human brain. J Neurosci, 32:10649-10661, 2012

23. Anderson MW, Sabuncu MR, Yeo BTT, Fischl B, Greve DN, Kochunov P, Nichols TE, Blangero J, Glahn DC. Measuring and comparing brain cortical surface area and other areal quantities. Neuroimage, 61:1428-1443, 2012

24. Buckner RL, Krienen FM, Castellanos A, Diaz JC, Yeo BTT. The organization of the human cerebellum revealed by intrinsic functional connectivity. J Neurophysiology, 106:2322-2345, 2011

25. Yeo BTT*, Krienen FM*, Sepulcre J, Sabuncu MR, Lashkari L, Hollinshead M, Roffman JL, Smoller JW, Zllei L, Polimeni JM, Fischl B, Liu H, Buckner RL. The organization of the human cerebral cortex revealed by intrinsic functional connectivity. J Neurophysiology, 106:1125-1165, 2011 (Recommended by Faculty of 1000: http://f1000.com/13521958)

26. Sabuncu MR, Desikan RS, Sepulcre J, Yeo BTT, Liu H, Schmansky N, Reuter M, Weiner MW, Buckner RL, Sperling RA, Fischl B. The dynamics of cortical and hippocampal atrophy in Alzheimer's disease. Archives of Neurology, 68:1040-1048, 2011

27. Sepulcre J, Liu H, Talukdar T, Martincorena I, Yeo BTT, Buckner RL. The organization of local and distant functional connectivity in the human brain. PLoS Comput Biol, 6: e1000808, 2010

28. Sabuncu MR*, Yeo BTT*, Van Leemput K, Fischl B, Golland P. A generative model for image segmentation based on label fusion. IEEE Trans Med Imaging, 29:1714-1729, 2010

29. Yeo BTT, Sabuncu MR, Vercauteren T, Holt DJ, Amunts A, Zilles K, Golland P, Fischl B. Learning task-optimal registration cost functions for localizing cytoarchitecture and function in the cerebral cortex. IEEE Trans Med Imaging, 29:1424-1441, 2010

30. Yeo BTT*, Sabuncu MR*, Vercauteren T, Ayache N, Fischl B, Golland P. Spherical demons: fast diffeomorphic landmark-free surface registration. IEEE Trans Med Imaging, 29:650-668, 2010

31. Klein A, Ghosh S, Avants B, Yeo BTT, Fischl B, Ardekani B, Gee J, Mann JJ, Parsey RV. Evaluation of volume-based and surface-based brain image registration methods. Neuroimage, 51:214-220, 2010

32. Yeo BTT, Vercauteren T, Fillard P, Peyrat JM, Pennec X, Golland P, Ayache N, Clatz O. DT-REFinD: diffusion tensor registration with exact finite-strain differential. IEEE Trans Med Imaging, 28:1914-1928, 2009

33. Fischl B, Stevens A, Rajendran N, <u>Yeo BTT</u>, Greve D, Van Leemput K, Polimeni J, Kakunoori S, Buckner RL, Pacheco J, Salat D, Melcher J, Frosch M, Hyman B, Grant PE, Rosen BR, van der Kouwe A, Wiggins G, Wald L, Augustinack J. Predicting the location of entorhinal cortex from MRI. Neuroimage, 47:8-17, 2009

34. <u>Yeo BTT</u>*, Sabuncu MR*, Desikan R, Fischl B, Golland P. Effects of registration regularization and atlas sharpness on segmentation accuracy. Med Image Anal, 12:603-615, 2008

35. <u>Yeo BTT</u>, Ou W, Golland P. On the construction of invertible filter banks on the 2-sphere. IEEE Trans Image Process, 17:283-300, 2008

36. Fischl B, Rajendran N, Busa E, Augustinack J, Hinds O, <u>Yeo BTT</u>, Mohlberg H, Amunts K, Zilles K. Cortical folding patterns and predicting cytoarchitecture. Cereb Cortex, 18:1973-1980, 2008

FULL LENGTH REFEREED CONFERENCE PAPERS

1. Ngo HG, Eickhoff SB, Fox P, <u>Yeo BTT</u> (2016) Collapsed variational Bayesian inference of the author-topic model: application to large-scale coordinate-based meta-analysis. In Proc Int Workshop on Pattern Recognition in Neuroimaging (PRNI) (Oral)

2. <u>Yeo BTT</u>, Sabuncu M, Golland P, Fischl B (2009) Task-optimal registration cost functions. In Proc Int Conf Med Image Computing and Computer Assist Intervent (MICCAI), vol 5761, LNCS, 598-606 (Hamlyn Centre for Medical Robotics Travel Grant)

3. Sabuncu MR, <u>Yeo BTT</u>, Van Leemput K, Fischl B, Golland P (2009) Supervised non-parametric image parcellation. In Proc Int Conf Med Image Computing and Computer Assist Intervent (MICCAI), vol 5762, LNCS, 1075-1083

4. Sabuncu MR, <u>Yeo BTT</u>, Van Leemput K, Vercauteren T, Golland P (2009) Asymmetric image-template registration. In Proc Int Conf Med Image Computing and Computer Assist Intervent (MICCAI), vol 5761, LNCS, 565-573

5. Sabuncu MR, <u>Yeo BTT</u>, Van Leemput K, Fischl B, Golland P (2009) Nonparametric mixture models for supervised image parcellation. In Proc Int Conf Med Image Computing and Computer Assist Intervent (MICCAI) workshop on Probabilistic Models for Medical Image Analysis (PMMIA), 301-313 (Oral)

6. <u>Yeo BTT</u>, Sabuncu MR, Vercauteren T, Ayache N, Fischl B, Golland P (2008) Spherical demons: fast surface registration. In Proc Int Conf Med Image Computing and Computer Assist Intervent (MICCAI), vol 5241, LNCS, 745-753 (MICCAI Young Scientist Finalist) (Oral)

7. <u>Yeo BTT</u>, Yu P, Grant PE, Fischl B, Golland P (2008) Shape analysis with overcomplete spherical wavelets. In Proc Int Conf Med Image Computing and Computer Assist Intervent (MICCAI), vol 5241, LNCS, 468-476

8. <u>Yeo BTT</u>, Vercauteren T, Fillard P, Pennec X, Golland P, Ayache N, Clatz O (2008) DTI registration with exact finite-strain differential. In Proc Int Symp Biomed Imag: From Nano to Macro (ISBI), 700-703 (NIH Travel Grant) (Oral)

9. <u>Yeo BTT</u>, Sabuncu MR, Desikan R, Fischl B, Golland P (2007) Effects of registration regularization and atlas sharpness on segmentation accuracy. In Proc Int Conf Med Image Computing and Computer Assist Intervent (MICCAI), vol 4791, LNCS, 683-691 (MICCAI Young Scientist Award, MICCAI Publication Impact Award) (Oral)

10. <u>Yeo BTT</u>, Sabuncu MR, Mohlberg H, Amunts K, Zilles K, Golland P, Fischl B (2007) What data to co-register for computing atlases. In Proc Workshop Math Methods Biomed Image Anal (MMBIA), Int Conf Comput Vision

11. <u>Yeo BTT</u>, Ou W, Golland P (2006) Invertible filter banks on the 2-sphere. In Proc Int Conf Image Process (ICIP), 2161-2164

ABSTRACTS

1. Bertolero MA, <u>Yeo BTT</u> , D'Esposito M (2016) Connector and local hub connectivity predicts modularity and performance in multiple cognitive tasks, Soc Neurosci, San Diego

2. Kong R, Schaefer A, Holmes AJ, Zuo XN, Eickhoff SB, <u>Yeo BTT</u> (2016) Individual cerebral cortex parcellation with group-level spatial and connectivity priors, Hum Brain Mapp, Geneva (HBM Merit Award) (Oral)

3. Krienen FM, <u>Yeo BTT</u>, Ge T, RL Buckner, Sherwood C (2016) Transcriptional profiles of supragranular-enriched genes associate with corticocortical networks, Hum Brain Mapp, Geneva (HBM Merit Award)

4. Schaefer A, Kong R, Gordon E, Laumann T, Eickhoff SB, Zuo XN, Holmes AJ, <u>Yeo BTT</u> (2016) Parcellating the Cerebral Cortex by Combining Local and Global Functional Connectivity Information, Hum Brain Mapp, Geneva

5. Zhang X, Mormino EC, Sun N, Sperling R, Sabuncu MR, <u>Yeo BTT</u> (2016) Bayesian modeling of atrophy factors in Alzheimer's disease. Hum Brain Mapp, Geneva

6. Liegeois R, Zorzi M, <u>Yeo BTT</u> (2016) Dynamical component analysis of fMRI time series, Geneva

7. Zuo XN, Yang N, Wang YS, Yan CG, Holmes A, <u>Yeo BTT</u> (2016) Sex Differences in Resting-State Functional MRI Profiles: Signal-to-Noise Ratio and Connectivity, Geneva

8. Schaefer A, Kong R, Gordon EM, Laumann T, Eickhoff SB, Zuo XN, Holmes AJ, <u>Yeo BTT</u> (2016) Cerebral cortex parcellation by fusion of local and global functional connectivity features. Int Soc for Mag Res Med, Singapore (Oral)

9. Kong R, Schaefer A, Holmes AJ, Eickhoff SB, Zuo XN, <u>Yeo BTT</u> (2016) Individual subject functional connectivity parcellation with group-level spatial and connectivity priors. Int Soc for Mag Res Med, Singapore (ISMRM Travel Award) (Oral)

10. Zhang X, Mormino EC, Sperling RA, Sabuncu MR, <u>Yeo BTT</u> (2016) Latent Atrophy Factors in Alzheimer's Disease. Int Soc for Mag Res Med, Singapore (ISMRM Travel Award) (Oral)

11. <u>Yeo BTT</u>, Krienen FM, Eickhoff SB, Fox PT, D'Esposito M, Bertolero MA (2015) Reverse inference revisited. Soc Neurosci, Chicago (Oral)

12. Krienen FM, <u>Yeo BTT</u>, Charvet CJ, Buckner RL, Sherwood CC (2015) Transcriptional profiles of supragranular-enriched genes predict corticocortical network architecture in the human brain. Soc Neurosci, Chicago

13. Bertolero MA, <u>Yeo BTT</u>, Lurie DJ, D'Esposito M (2015) Dynamic modularity and integration during spontaneous neural activity. Soc Neurosci, Chicago (Oral)

14. Reinen JM, <u>Yeo BTT</u>, Hutchison RM, Baker JT, Roffman JL, Smoller JW, Holmes AJ (2015) Exploring the dynamic organization of the human brain at rest. Soc Neurosci, Chicago (Oral)

15. Ong JL, Kong DY, Tandi J, <u>Yeo BTT</u>, Chee MWL (2015) Neural correlates of cued versus involuntary eye closures. Hum Brain Mapp, Honolulu

16. <u>Yeo BTT</u>, Krienen F, Eickhoff S, Yaakub S, Fox P, Buckner R, Asplund C, Chee MWL (2014) Functional specialization and confluence in the human association cortex. Hum Brain Mapp, Hamburg

17. <u>Yeo BTT</u>, Tandi J, Ong JL, Asplund C, Kong DY, Chee MWL (2014) Intrinsic organization of well-rested individuals vulnerable to sleep deprivation. Hum Brain Mapp, Hamburg

18. Asplund CL, <u>Yeo BTT</u>, Krienen FM, Yaahub SN, Chee MWL (2013) Large-scale meta-analysis of functional specializations in prefrontal cortex. Soc Neurosci, San Diego

19. <u>Yeo BTT</u>, Krienen FM, Asplunc CL, Yaahub SN, Chee MWL (2013) Discovering latent cognitive processes involved in internal mentation tasks via a large-scale meta-analysis. Soc Neurosci, San Diego

20. Krienen FM, <u>Yeo BTT</u>, Buckner RL (2013) Boundaries on functional connectivity boundaries. Hum Brain Mapp, Seattle (Human Brain Mapping Travel Award) (Oral)

21. <u>Yeo BTT</u>, Krienen FM, Yaakub SN, Asplund CL, Buckner RL, Chee MWL (2013) Inferring ontologies of mind-brain relations from neuroimaging data. Hum Brain Mapp, Seattle (Human Brain Mapping Travel Award)

22. <u>Yeo BTT</u>, Krienen FM, Chee MWL, Buckner RL (2013) Estimates of segregation and overlap of functional connectivity networks in human cerebral cortex. Hum Brain Mapp, Seattle

23. Mueller S, Lu J, Wang D, <u>Yeo BTT</u>, Sabuncu MR, Sepulcre J, Li K, Liu H (2012) Intra-subject and inter-subject variability of intrinsic functional connectivity. Hum Brain Mapp, Beijing

24. Anderson MW, Sabuncu MR, <u>Yeo BTT</u>, Fischl B, Greve DN, Kochunov P, Nichols TE, Blangero J, Glahn DC (2012) Measuring and comparing brain cortical surface area and other areal quantities. Hum Brain Mapp, Beijing

25. Shafee R, Liu H, Sabuncu MR, <u>Yeo BTT</u>, Buckner RL (2012) Asymmetry of the human cerebral cortex and its change with aging. Computational and Systems Neuroscience, Salt Lake City

26. <u>Yeo BTT</u>, Krienen FM, Buckner RL (2011) Hierarchical organization of human cortical pathways inferred by intrinsic functional connectivity. Soc Neurosci, Washington DC

27. Choi EY, <u>Yeo BTT</u>, Buckner RL (2011) Functional architecture of the human striatum revealed by intrinsic functional connectivity. Soc Neurosci, Washington DC

28. Holmes AJ, Hollinshead M, <u>Yeo BTT</u>, Roffman JL, Smoller JW, Buckner RL (2011) Increased amygdala volume and decreased cingulate thickness reliably predict negative affect in the general population. Soc Neurosci, Washington DC (Oral)

29. Holmes AJ, Hollinshead M, <u>Yeo BTT</u>, Roffman JL, Smoller JW, Buckner RL (2011) Evidence for a limbic anxio-affective syndrome in the general population. Soc Res Psychopathology, Boston

30. Shafee R, Liu H, Sabuncu M, <u>Yeo BTT</u>, Sepulcre J, Buckner RL (2011) Relationship between human functional networks and covariance in cortical thickness. Computational and Systems Neuroscience, Salt Lake City

31. <u>Yeo BTT</u>, Sepulcre J, Sabuncu MR, Lashkari D, Roffman JL, Smoller JW, Fischl B, Liu H, Buckner RL (2010) Estimates of surface-based cortical networks using intrinsic functional connectivity From 1000 Subjects. Soc Neurosci, San Diego

32. Buckner RL, <u>Yeo BTT</u>, Choi EY, Sepulcre J, Sabuncu MR, Roffman JL, Zollei L, Fischl B, Liu H, Smoller JW (2010) Estimates of Cerebellar, Thalamic, and Basal Ganglia Circuits. Soc Neurosci, San Diego

33. Shafee R, Liu H, Sabuncu M, <u>Yeo BTT</u>, Sepulcre J, Buckner RL (2010) Anatomical and Functional Asymmetry in the Cerebral Cortex. Soc Neurosci, San Diego

34. Shafee R, Liu H, Sabuncu M, <u>Yeo BTT</u>, Sepulcre J, Buckner RL (2010) Anatomical and Functional Asymmetry in the Cerebral Cortex. Sloan-Swartz Centers, New Haven

35. <u>Yeo BTT</u>, Sabuncu M, Golland P, Fischl B (2009) Modeling the Relationship between Cortical Geometry and Cytoarchitectonics via Image Registration. Hum Brain Mapp, San Francisco (Human Brain Mapping Travel Award) (Oral)