

Curriculum Vitae

Radoslaw Martin Cichy, Prof. Dr. rer. nat.

Research Group Leader
Freie Universität Berlin
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EDUCATION

2007 – 2011	Bernstein Center for Computational Neuroscience Ph.D. in Psychology Advisor: John-Dylan Haynes
2006 – 2007	Charité University Medicine, Berlin Laboratory Assistant at the Vision and Motor Research Group
2005 – 2006	Studienkolleg zu Berlin Fellow
2004 – 2006	Charité University Medicine, Berlin M.Sc. Medical Neuroscience
2003 – 2004	University of Oxford Exchange Student, Philosophy
2001 – 2004	University Osnabrück B.Sc. Cognitive Science, with distinction

RESEARCH EXPERIENCE

2012 – 2015	Massachusetts Institute of Technology Postdoctoral Fellow Advisor: Aude Oliva
2011 – 2012	Charité University Medicine, Berlin Postdoctoral Researcher Advisors: Philipp Sterzer & John-Dylan Haynes

ACADEMIC TRACK & APPOINTMENTS

2021 – now	Center for Cognitive Neuroscience Berlin Managing Director
2020 – now	Freie Universität Berlin, Germany Professor for Neurocognitive and Experimental Psychology
2018 – now	Berlin School of Mind and Brain Faculty Member
2016 – 2020	Freie Universität Berlin, Germany Research Group Leader (Emmy Noether Program of the German Science Foundation, ERC Starting Grant)
2015	Glasgow University Senior Lecturer

FELLOWSHIPS & AWARDS

2022	Early Career Impact Award from the Federation of Associations in Behavioral and Brain Sciences (FARBS)
2020-2023	Scout of the Henriette Herz Scouting Programme of the Alexander von Humboldt Foundation
2020	Neuroimage Paper of the Year (Cichy, ... , Charest 2019)
2019 - 2020	Fellow of the Research Group "Cognitive Behavior of Humans, Animals and Machines: Situation Model Perspectives" (Center for Interdisciplinary Research, University Bielefeld)
2018	2 (Friends of Europe)
2015 – 2016	Feodor Lynen Return Scholarship (Alexander von Humboldt Foundation)
2015	Cosyne Presenter Travelling Award
2014	MIT Postdoctoral Association Travel Scholarship
2013 – 2015	Feodor Lynen Research Fellowship (Alexander von Humboldt Foundation)
2010	Scholarship of the Max Planck Institute for Human Cognitive and Brain Sciences
2007 – 2010	University Scholarship of the Berlin School of Mind&Brain (Excellence Initiative of the German State)
2005 – 2006	Hertie Foundation Fellowship
2001 – 2006	German National Merit Foundation (Studienstiftung des Deutschen Volkes)
2003	Homann price for excellence in studies (University of Osnabrück)

GRANTS & DONATIONS

2022	<i>Resolving the neural basis of affective sound-meaning associations</i> (DFG, PI Arash Aryani, Co-investigator, 307k€)
2022	<i>The role of layer-specific population receptive field properties in visual recurrent processing</i> (HORIZON-MSCA, Supervisor, PI Maya Jastrzebowska, 190k€)
2022	<i>Working memory dysfunction in schizophrenia: an investigation of multivariate activation patterns and neural synchrony</i> (DFG, PI Daniel Senkowski, Co-investigator, 330k€)
2020	<i>Neural resources of mnemonic discrimination and their interaction with hidden pathology in older adults and SuperAgers</i> (DFG, INST 272/297-1, Co-PI with Emrah Düzel (DZNE Magdeburg), 477k€)
2020	<i>From neural representations of affect to affective and preference-based choice</i> (DFG, CI 247/7-1, Co-PI with Arthur Jacobs, 330k€)
2020	<i>Localizing individual steps of stimulus-response transformations in the human brain with highly parameterized models</i> (DFG, MO 3610/2-1, PI Holger Mohr, Co-investigator, 350k€)
2019	<i>Tracking the Flow of Perceptual Information Through Decision Networks</i> (ARC, GA68526, Co-PI with Profs. Thomas Carlson, Mac Shine (U Sydney) & Mark Coutanche (U Pittsburgh), 480k AU\$)
2018	<i>Neural mechanisms of real-life categorical decisions</i> (DFG, CI 241/1-3, PI, Co-PI Prof. Klaus Obermayer, 370k€)

- 2018 *Cracking the neural code of human object vision (CRACK)* (ERC Starting Grant ERC-2018-StG 803370 (PI, 1.5M€)
- 2018 *Objects in Scenes – How scene structure shapes visual object representations* (DFG, PI Dr. Daniel Kaiser, Co-applicant, 272k€)
- 2018 *High-Performance Computing Cluster and Storage System* at FU Berlin (INST 130/1063-1 FUGG, Co-applicant, 1/25th of 3M€)
- 2016 – 2021 *Neural dynamics of visual cognition*, Emmy Noether Award of the DFG (CI 241/1-1, PI, 1.2M€)
- 2016 NVIDIA academic hardware donation
- 2015 – 2017 *Developmental mechanisms of perception and language in the infant brain* (NSF, BCS-1514351, Advisor)
- 2012 – 2015 *Glass in Contemporary Architecture: Perception, Action, and Social Behaviour* (European Platform for Life Sciences, Mind Sciences, and the Humanities; Volkswagen Foundation, 85-640, Co-PI)

COMMITTEE WORK

- 2020 – now Scientific Advisory Board of the Cogitate Project (member)
- 2018 – now Excellence Council of the Freie Universität Berlin (member)
- 2016 – now Ethics Committee of the Department of Education and Psychology (member)

PREPRINTS

* denotes shared authorship

Haeberle G, Celikkol AP, **Cichy RM** (2023) *The influence of the bullseye versus standard fixation cross on eye movements and classifying natural images from EEG*. bioRxiv; doi: 10.1101/2023.03.21.532944.

Foxwell MJ*, Wang G*, **Cichy RM**, Pitcher D, Kaiser D (2023) *Individual differences in internal models explain idiosyncrasies in scene perception*. PsyArXiv; 10.31234/osf.io/98wt7.

Chen L, **Cichy RM***, Kaiser D* (2023) *Alpha-frequency feedback to early visual cortex orchestrates coherent natural vision*. bioRxiv; 10.1101/2023.02.10.527986.

Lahner B, Dwivedi K, Iamshchinina P, Graumann M, Lascelles A, Roig G, Gifford AT, Pan B, Jin S, Murtz NAR, Kay K, Oliva A*, **Cichy RM*** (2023) *BOLD Moments: modeling short visual events through a video fMRI dataset and metadata*. bioRxiv; doi: 10.1101/2023.03.12.530887.

Karapetian A, Boyanova A, Pandaram N, Obermayer K, Kietzmann TC*, **Cichy RM*** (2023) *Empirically identifying and computationally modelling the brain-behavior relationship for human scene categorization*. bioRxiv; doi: 10.1101/2023.01.22.525084.

Gifford AT, Lahner B, Saba-Sadiqa S, Vilas MG, Lascelles A, Oliva A, Kay K, Roig G, **Cichy RM** (2023) *The Algonauts Project 2023 Challenge: How the Human Brain Makes Sense of Natural Scenes*. arXiv; doi: 10.48550/arXiv.2301.03198.

Bersch D, Dwivedi K, Vilas M, **Cichy RM**, Roig G (2022) *Net2Brain: A Toolbox to compare artificial vision models with human brain responses*. arXiv; doi: 10.48550/arXiv.2208.09677.

Iamshchinina P, Haenelt D, Trampel R, Weiskopf N, Kaiser D*, **Cichy RM*** (2022) *Benchmarking GE-BOLD, SE-BOLD, and SS-SI-VASO sequences for depth-dependent separation of feedforward and feedback signals in high-field MRI*. bioRxiv; doi:10.1101/2021.12.10.472064.

Cichy RM, Dwivedi K, Lahner B, Lascelles A, Iamshchinina P, Graumann M, Andonian A, Murty NAR, Kay K, Roig G, Oliva A (2021) *The Algonauts Project 2021 Challenge: How the Human Brain Makes Sense of a World in Motion*. arXiv; doi: arXiv:2104.13714.

PEER-REVIEWED ARTICLES

accepted & in press

2023

Graumann M, Wallenwein LA, **Cichy RM** (2023) *Independent spatiotemporal effects of spatial attention and background clutter on human object location representations*. Neuroimage 15;272:120053. doi: 10.1016/j.neuroimage.2023.120053.

Jozwik KM, Kietzmann TC, **Cichy RM**, Kriegeskorte N, Mur M (2023) *Deep neural networks and visuo-semantic models explain complementary components of human ventral-stream representational dynamics*. J Neurosci 43(10):1731-1741; doi: 10.1523/JNEUROSCI.1424-22.2022.

Singer JD, **Cichy RM**, Hebart MN (2023) *The spatiotemporal neural dynamics of object recognition for natural images and line drawings*. JNeurosci 43(3):484-500; doi: 10.1523/JNEUROSCI.1546-22.2022.

2022

Xie S, Hoehl S, Moeskops M, Kayhan E, Kliesch C, Turtleton B, Köster M*, **Cichy RM*** (2022) *Visual category representations in the infant brain*. Curr Biol 32(24):5422-5432.e6; doi: 10.1016/j.cub.2022.11.016.

Gifford AT, Dwivedi K, Roig G, **Cichy RM** (2022) *A large and rich dataset for modelling human visual object recognition*. Neuroimage 264:119754; doi: 10.1016/j.neuroimage.2022.119754.

Jozwik KM, Najjarro E, van der Bosch JJF, Charest I, **Cichy RM***, Kriegeskorte N* (2022) *Disentangling five dimensions of animacy in human brain and behaviour*. Commun Biol 5(1):1247; doi: 10.1038/s42003-022-04194-y.

Ebrahiminia F, **Cichy RM***, Khaligh-Razavi SM* (2022) *A multivariate comparison of electroencephalogram and functional magnetic resonance imaging to electrocorticogram using visual object representations in humans*. Front Neurosci 2022 16:983602; doi: 10.3389/fnins.2022.983602.

Iamshchinina P, Karapetian A, Kaiser D*, **Cichy RM*** (2022) *Resolving the time course of visual and auditory object categorization*. *J Neurophysiol* 127(6): 1622-1628; doi: 10.1152/jn.00515.2021.

Ashton K, Zinszer BD, **Cichy RM**, Nelson III CA, Aslin RN, Bayet L (2022) *Time resolved multivariate pattern analysis of infant EEG data: a practical tutorial*. *Devel Cogn Neurosci* 54:101094; doi: 10.1016/j.dcn.2022.101094.

Graumann M, Ciuffi C, Dwivedi K, Roig G, **Cichy RM** (2022) *The spatiotemporal neural dynamics of object location representations in the human brain*. *Nat Human Behav* 6: 796–811; doi 10.1038/s41562-022-01302-0.

Kaiser D, Jacobs AM, **Cichy RM** (2022) *Modelling brain representations of abstract concepts*. *PlosCompBiol* 18(2):e1009837; doi: 10.1371/journal.pcbi.1009837.

Chen L, **Cichy RM***, Kaiser D* (2022) *Semantic scene-object consistency modulates N300/400 EEG components, but does not automatically facilitate object representations*. *Cereb Cortex* 32(16):3553-3567; doi: 10.1093/cercor/bhab433.

2021

Kaiser D, **Cichy RM** (2021) *Parts and wholes in scene processing*. *J Cogn Neurosci*, 34(1):4-15; doi: 10.1162/jocn_a_01788.

Vidaurre D, **Cichy RM***, Woolrich MW* (2021) *Dissociable components of oscillatory activity underly information encoding in human perception*. *Cereb Cortex* 31(12): 5664-5675; doi: 10.1093/cercor/bhab189.

Iamshchinina P, Kaiser D, Yakupov R, Haenelt D, Sciarra A, Mattern H, Luesebrink F, Duzel E, Speck O, Weiskopf N, **Cichy RM** (2021) *Perceived and mentally rotated contents are differentially represented in cortical depth of V1*. *Commun Biol* 4(1):1069; doi: 10.1038/s42003-021-02582-4.

Dwivedi K, Bonner MF, **Cichy RM***, Roig G* (2021) *Unveiling functions of the visual cortex using task-specific deep neural networks*. *PLoS Comput Biol* 17(8):e1009267. doi: 10.1371/journal.pcbi.1009267.

Kaiser D, Haeberle G, **Cichy RM** (2021) *Coherent natural scene structure facilitates the extraction of task-relevant object information in visual cortex*. *Neuroimage* 240: 118365; doi: 10.1016/j.neuroimage.2021.118365.

Nara S, Lizarazu M, Richter CG, Dima DC, **Cichy RM**, Bourguignon M, Molinaro N (2021) *Temporal uncertainty enhances suppression of neural responses to predictable visual stimuli*. *Neuroimage* 239:118314. doi: 10.1016/j.neuroimage.2021.118314.

Reddy L, **Cichy RM**, VanRullen R (2021) *Representational content of oscillatory brain activity during object recognition: contrasting cortical and deep neural network hierarchies*. *eNeuro* 8 (3), doi: 10.1523/ENEURO.0362-20.2021.

2020

Bayet L, Zinszer D, Reilly E, Cataldo JK, Pruitt Z, **Cichy RM**, Nelson III CA, Aslin RN (2020) *Temporal dynamics of visual representations in the infant brain*. *Devel Cogn Neurosci* 45:100860; doi: 10.1016/j.dcn.2020.100860.

Kaiser D, Inciuraitė G, **Cichy RM** (2020) *Rapid contextualization of fragmented scene information in the human visual system*. *Neuroimage* 219:117045 ; doi: 10.1016/j.neuroimage.2020.117045.

Cichy RM, Oliva A (2020) *A M/EEG-fMRI Fusion Primer: Resolving Human Brain Responses in Space and Time*. *Neuron* 1-7(5): 772-281; doi: 10.1016/j.neuron.2020.07.001.

Xie S, Kaiser D, **Cichy RM** (2020) *Visual Imagery and perception share neural representations in the alpha frequency band*. *Curr Biol* 30(13): 2621-2627. doi: 10.1016/j.cub.2020.04.074.

Dwivedi K, Juang J, **Cichy RM***, Roig G* (2020). *Duality Diagram Similarity: a generic framework for initialization selection in task transfer learning*. In: Vedaldi A., Bischof H., Brox T., Frahm JM. (eds) *Computer Vision – ECCV 2020*. *ECCV 2020. Lecture Notes in Computer Science*, vol 12371. Springer, Cham. doi: 10.1007/978-3-030-58574-7_30.

Dwivedi K, **Cichy RM***, Roig G* (2020) *Unravelling Representations in Scene-selective Brain Regions Using Scene Parsing Deep Neural Networks*. *J Cog Neuro* 8: 1-20; doi: 10.1101/2020.03.10.985309.

Kaiser D, Haberle G, **Cichy RM** (2020) *Real-world structure facilitates the rapid emergence of scene category information in visual brain signals*. *J Neurophysiol* 124(1): 145-151; doi: 10.1152/jn.00164.2020.

Kaiser D, Häberle G, **Cichy RM** (2020) *Cortical sensitivity to natural scene structure*. *Hum Brain Map* 41(5): 1286-1295.

2019

Cichy RM, Roig G, Oliva A (2019) *The Algonauts Project*. *Nat Machin Intel* 1: 630.

Kietzmann T, Courtney JS, Sørensen L, **Cichy RM**, Hauk O, Kriegeskorte N (2019) *Recurrence required to capture the dynamic computations of the human ventral visual stream*. *PNAS* 116(43): 21854-21863; doi: 10.1073/pnas.1905544116.

Kaiser D, Turini J, **Cichy RM** (2019) *A neural mechanism for contextualizing fragmented inputs during naturalistic vision*. *eLife* 2019; 8: e48182, doi: 10.7554/eLife.48182.

Kaiser D, Quak GL, **Cichy RM**, Peelen MV (2019) *Object vision in a structured world*. *Trends Cogn Sci* 23(8): 672-685.

Cichy RM & Kaiser D (2019) *Deep neural networks as scientific models*. *Trends Cogn Sci* 23(4): 305-317; doi: 10.1016/j.tics.2019.01.009.

Cichy RM, Kriegeskorte N, Jozwik K, van den Bosch JJF, Charest I (2019) *The spatiotemporal neural dynamics underlying perceived similarity for real-world objects*. *Neuroimage* 194(1): 12-24; doi: 10.1016/j.neuroimage.2019.03.031.

Mohsenzadeh Y, Mullin C, Lahner B, **Cichy RM**, Oliva A (2019) *Reliability and Generalizability of Similarity-Based Fusion of MEG and fMRI Data in Human Ventral and Dorsal Visual Streams*. *Vision* 3(1), 8; doi: 10.3390/vision3010008.

Ambrus GG*, Kaiser D*, **Cichy RM**, Kovács G (2019) *The neural dynamics of familiar face recognition*. *Cereb Cortex* bhz010; doi: 10.1093/cercor/bhz010.

Mohr H, **Cichy RM**, Ruge H (2019) *Deep neural networks can predict human behavior in arcade games*. *CCN*, doi: 10.32470/CCN.2019.1043-0.

Cichy RM, Roig G, Andonian A, Dwivedi K, Lahner B, Lascelles A, Mohsenzadeh Y, Ramakrishnan K, Oliva A (2019) *The Algonauts Project: A Platform for Communication between the Sciences of Biological and Artificial Intelligence*. *CCN*, doi: 10.32470/CCN.2019.1018-0.

2018

Khaligh-Razawi SM, **Cichy RM**, Pantazis D, Oliva A (2018) *Tracking the spatiotemporal neural dynamics of real-world object size and animacy in the human brain*. *J Cogn Neurosci* 30(11): 1559-1576; doi: 10.1162/jocn_a_01290.

Kaiser D, **Cichy RM** (2018) *Typical visual-field locations facilitate access to awareness for everyday objects*. *Cognition* 180: 118-122; doi: 10.1016/j.cognition.2018.07.009.

Grootswagers T, **Cichy RM**, Carlson T (2018) *Finding decodable information that is read out in behaviour*. *Neuroimage* 179: 252-262; doi: 10.1016/j.neuroimage.2018.06.022.

Chen Y, **Cichy RM**, Stennat W, Haynes JD (2018) *Scale-specific analysis of fMRI data on the irregular cortical surface*. *Neuroimage* 181: 370-381; doi: 10.1016/j.neuroimage.2018.07.002.

Pantazis D, Fang M, Qin S, Mohsenzadeh Y, Li Q, **Cichy RM** (2018) *Decoding the orientation of contrast edges from MEG evoked and induced responses*. *Neuroimage* 180:267-279; doi: 10.1016/j.neuroimage.2017.07.022.

Hebart MN, Bankson BB, Harel A, Baker CI*, **Cichy RM*** (2018) *Representational dynamics of task context and its influence on visual object processing*. *eLife* 2018; 7:e32816, doi: 10.7554/eLife.32816.

Kaiser D, **Cichy RM** (2018) *Typical visual-field locations enhance processing in object-selective channels of human occipital cortex*. *J Neurophys* 120: 848-853; doi: 10.1152/jn.00229.2018.

Kaiser D, Moeskops MM, **Cichy RM** (2018) *Typical retinotopic locations impact the time course of object coding*. *Neuroimage* 176: 372-379; doi: 10.1016/j.neuroimage.2018.05.006.

Guggenmos M, Sterzer P, **Cichy RM** (2018) *Multivariate pattern analysis for MEG: a comparison of dissimilarity measures*. *Neuroimage* 173: 434-447; doi: 10.1016/j.neuroimage.2018.02.044.

Mohsenzadeh Y, Qin S, **Cichy RM**, Pantazis D (2018) *Ultra-Rapid serial visual presentation reveals dynamics of feedforward and feedback processes in the ventral visual pathway*. eLife 2018;7:e36329; doi: 10.7554/eLife.36329.

2017

Cichy RM, Pantazis D (2017) *Multivariate pattern analysis of MEG and EEG: a comparison of representational structure in time and space*. Neuroimage 158: 441-454; doi: 10.1016/j.neuroimage.2017.07.023.

Cichy RM, Teng S (2017) *Resolving the neural dynamics of visual and auditory scene processing in the human brain: a methodological approach*. Phil Trans R Soc B 372 (1714): 20160108; doi: 10.1098/rstb.2016.0108.

Cichy RM, Khosla A, Pantazis D, Oliva A (2017) *Dynamics of scene representations in the human brain revealed by magnetoencephalography and deep neural networks*. Neuroimage 153: 346-358 doi:10.1016/j.neuroimage.2016.03.063.

2016

Cichy, RM, Pantazis D, Oliva A (2016) *Similarity-based fusion of MEG and fMRI reveals spatio-temporal information flow in visual object recognition*. Cereb Cortex 26(8): 3563-3579; doi: 10.1093/cercor/bhw135.

Cichy RM, Khosla A, Pantazis D, Torralba A, Oliva A (2016) *Comparison of deep neural networks to spatio-temporal cortical dynamics of human visual object recognition reveals hierarchical correspondence*. Sci Reports 10(6): 27755, doi: 10.1038/srep27755.

Cichy RM, Ramirez F, Pantazis D (2016) *Can visual information encoded in cortical columns be decoded from magnetoencephalography data in humans?* Neuroimage 121: 193-204; doi:10.1016/j.neuroimage.2015.07.011.

2015

Guggenmos M, Thoma V, Haynes JD, Richardson-Klavehn A, **Cichy RM***, Sterzer P* (2015) *Spatial attention enhances object coding in local and distributed representations of lateral occipital complex*. Neuroimage 111: 149-157; doi:10.1016/j.neuroimage.2015.04.004.

Guggenmos M, Thoma V, **Cichy RM**, Haynes, JD, Sterzer P, Richardson-Klavehn R (2015) *Non-holistic coding of objects in lateral occipital complex with and without attention*. Neuroimage 107: 356-363; doi: 10.1016/j.neuroimage.2014.12.013.

Christophel TB, **Cichy RM**, Hebart MN, Haynes JD (2015) *Parietal and early visual cortices encode working memory across mental transformations*. Neuroimage 106: 198-206, doi: 10.1016/j.neuroimage.2014.11.018.

2014

Ramirez F, **Cichy RM**, Allefeld C, Haynes JD (2014) *The neural code for face orientation in the human fusiform face area*. J Neurosci, 34(36): 12155-12167; doi: 10.1523/JNEUROSCI.3156-13.2014.

Cichy RM, Pantazis D, Oliva A (2014) *Resolving human object recognition in space and time*. Nat Neurosci 17(3): 455-462; doi: 10.1038/NN.3635.

2013 and before

Cichy RM, Sterzer P, Heinzle J, Haynes JD (2013) *Probing principles of large-scale object representation: category preference and location encoding*. Hum Brain Mapp 34(7):1636-1651; doi: 10.1002/hbm.22020.

Cichy RM, Heinzle J, Haynes JD (2012) *Imagery and perception share cortical representations of content and location*. Cereb Cortex 22(2): 372-380; doi: 10.1093/cercor/bhr106.

Cichy RM, Chen Y, Haynes, JD (2011) *Encoding the identity and location of objects in human LOC*. Neuroimage 54(3): 2297-307; doi: 10.1016/j.neuroimage.2010.09.044.

Schmidt S, **Cichy RM**, Kraft A, Brocke J, Irlbacher K, Brandt SA (2009) *An initial transient-state and reliable measure of corticospinal excitability in TMS studies*. Clin Neurophysiol; 120(5): 987-993; doi: 10.1016/j.clinph.2009.02.164.

Brocke J, Schmidt S, Irlbacher K, **Cichy RM**, Brandt SA (2008) *Transcranial cortex stimulation and fMRI: electrophysiological correlates of dual-pulse BOLD signal modulation*. Neuroimage 40(2): 631-43; doi: 10.1016/j.neuroimage.2007.11.057.

* shared last authorship

DATASETS

Cichy, RM, Bagherzadeh Y, Chang, YT, Pantazis D (2018). MEGEEG92 Objects Dataset. <https://doi.org/10.6084/m9.figshare.c.4182587.v1>.

CHAPTERS AND REVIEWS

Cichy RM (2016) *Review of ,Handbuch Kognitionswissenschaft; Achim Stephan, Sven Walter (Eds.)'*. Phen Cogn Sci 15:461; doi:10.1007/s11097-015-9431-1.

Heinzle, J, Anders, S, Bode, S, Bogler, C, Chen, Y, **Cichy, RM**, Hackmack, K, Kahnt, T, Kalberlah, C, Reverberi, C, Soon, SC, Tusche, A, Weygandt, M & Haynes, JD (2012) *Multivariate decoding of fMRI data – towards a content-based cognitive neuroscience*. Neuroforum, 1, 160-177.

Cichy RM (2007) *Transkranielle Hirnstimulation – Kausalität zwischen Gehirn und Geist*. Nervenheilkunde. Nervenheilkunde 26 (12): 1148-1151.

Cichy RM, Fischer L, Rettenbacher S, Tsouni G (2007) *Klosterwelten- Welt und Kloster*. Projekt Junges Europa, Hannover: Wehrhahn Verlag.

Cichy RM (2005) *The Dennettian Concept of Intentionality: Past and Present*. Publications of the Institute of Cognitive Science. Volume 8-2005, Osnabrück.

INVITED TALKS

- 10 / 2023 EEG Cutting Gardens, Distributed World-Wide Proceedings
- 07 / 2023 Center for Human Brain Health, University of Birmingham, Birmingham, UK
- 05 / 2023 Science of Intelligence Cluster, Technical University Berlin, Berlin, Germany
- 12 / 2022 The Hebrew University of Jerusalem, Jerusalem, Israel
- 02 / 2022 Max Planck Institute for Biological Cybernetics, Tübingen, Germany
- 01 / 2022 Department of Psychology, University of Regensburg, Regensburg, Germany
- 12 / 2021 Max Planck School of Cognition, Virtual
- 08 / 2021 Haskins Laboratories, Yale University, Yale, USA, Virtual
- 07 / 2021 Center for Integrative Neuroscience, Aarhus University, Aarhus, Denmark
- 07 / 2021 CEU Summer School on Object Representations, CEU Vienna, Austria, Virtual
- 11 / 2020 Multivariate EEG Analysis Online Course, Universidad de Granada, Spain (Online)
- 12 / 2019 COBHAM Seminar Series, University of Bielefeld, Germany
- 11 / 2019 Montreal AI and Neuroscience Meeting (MAIN), University of Montreal, Montreal, Canada
- 10 / 2019 Deep Learning Autumn School, Graduate School of Experimental Psychology, University of Amsterdam, NL
- 04 / 2019 MEG UK 2019 Conference, Cardiff University, UK
- 03 / 2019 IICSSS (International Interdisciplinary Computational Cognitive Science Spring School) 2019, Freiburg, Germany
- 01 / 2019 Otto Creutzfeld Center for Cognitive and Behavioral Neuroscience, Westfälische Wilhelms-Universität Münster, Germany
- 12 / 2018 Department of Psychology, Ludwig-Maximilians-University (LMU), Munich, Germany
- 11 / 2018 Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany
- 09 / 2018 University of Leipzig, Leipzig, Germany
- 09 / 2018 Bernstein Workshop 2018 on Representational Dynamics, Berlin, Germany
- 07 / 2018 Salzburg Mind Brain Annual Meeting (SAMBA), Salzburg, Austria
- 06 / 2018 Bernstein Center for Computational Neuroscience, Freiburg, Germany
- 06 / 2018 International Graduate School of Neuroscience, Ruhr University Bochum, Germany
- 05 / 2018 Nordic MEG conference, Stockholm, Sweden
- 04 / 2018 ESI (Ernst Sprüngmann Institut), Frankfurt, Germany
- 03 / 2018 MBB Symposium (Brain Awareness Week), Berlin School of Mind and Brain, Berlin, Germany
- 03 / 2018 CiNet (Center for Information and Neural Networks), Osaka, Japan
- 02 / 2018 2nd Human Brain Project Student Meeting, Ljubljana, Slovenia

10 / 2017 Berlin School of Mind and Brain, Berlin, Germany
04 / 2017 Center for Minds, Brains and Metabolism, University of Lübeck, Germany
01 / 2017 Department of Clinical Neuroscience, Karolinska Institute, Stockholm, Sweden
01 / 2017 Vision Science Colloquium, University of Bielefeld, Germany
11 / 2016 Neurocog Meeting, KU Leuven, Leuven, Belgium
10 / 2016 Department of Neuroscience and Biomedical Engineering, Aalto University, Finland
10 / 2016 Center for Integrative Neuroscience, Tübingen, Germany
07 / 2016 Department of Psychology, University of Gießen, Germany
06 / 2016 International Workshop for Pattern Recognition and in Neuroimaging (PRNI 2016), Trento, Italy
05 / 2016 Department of Medicine, Otto-von-Guericke-University Magdeburg, Germany
04 / 2016 Institute of Cognitive Science, Darmstadt, Germany
03 / 2016 Donders Institute, Nijmegen, Netherlands
03 / 2016 Brain Awareness Week, University of Lublin, Poland
01 / 2016 Department of Psychology, University of Amsterdam, Netherlands
12 / 2015 Department of Psychiatry, Charité University Medicine, Berlin, Germany
11 / 2015 Google DeepMind, London, UK
08 / 2015 Department of Neurology, University of Lübeck, Germany
03 / 2015 Institute of Neuroscience and Psychology, University of Glasgow, UK
11 / 2014 Department of Psychology, University of Glasgow, UK
08 / 2014 Institute for Neuroscience, UKE, Hamburg, Germany
05 / 2014 Feindel Brain Imaging Lecture Series, McGill University, Montreal, Canada
05 / 2014 OHBA Research Meeting, University of Oxford, UK
04 / 2014 Bernstein Center for Computational Neuroscience, Berlin, Germany
03 / 2014 MRC-CBU, University of Cambridge, UK
02 / 2014 Department of Brain and Cognitive Sciences (Saxe), MIT, USA
02 / 2014 Laboratory of Brain and Cognition Seminar, NIH, USA
11 / 2013 Department of Brain and Cognitive Sciences (Kanwisher), MIT, USA
06 / 2012 Visual Attention Lab Seminar, Harvard University, USA
04 / 2012 McGovern Institute for Brain Research, MIT, USA
05 / 2011 Center for Mind-Brain Sciences, Rovereto, Italy
04 / 2011 Department of Brain and Cognitive Sciences, MIT, USA
03 / 2011 Brain Days, University of Lublin, Poland
02 / 2011 International Seminar of the School of Cognitive Science, Institute for Mathematics and Physics, Tehran, Iran
09 / 2010 Colloquium of the Institute of Cognitive Science, Osnabrück, Germany

ACTIVITIES

2019/21/23 Founder & Co-organizer of Challenge and Workshop: *The Algonauts Project* (2019 at MIT, 2021/23 at the Conference for Cognitive Computational Neuroscience, CCN)

07 / 2019	Challenge and Workshop co-organizer at MIT: <i>The Algonauts Project 2019 (The visual brain)</i>
03 / 2018	Symposium organizer at CNS (Annual Meeting of the Cognitive Neuroscience Society): <i>Understanding human visual cognition through multivariate and computational analysis of MEG and EEG data</i>
08 / 2017	Symposium co-organizer at ECVF (European Conference of Visual Perception): <i>Resolving the temporal dynamics of human visual cognition using multivariate analysis of EEG and MEG</i>
08 / 2016	Symposium co-organizer at ECCV (European Conference for Computer Vision): <i>Biological and Artificial Vision</i>
06 / 2016	Member of Organizing Committee for PRNI (International Workshop for Pattern Recognition and in Neuroimaging), Trento, Italy
03 / 2016	Symposium organizer at the Annual Meeting of the Visual Science Society (VSS): <i>What do deep neural networks tell us about biological vision?</i>

AD-HOC REVIEWING

Journals	APP (Attention, Perception & Psychophysics), Brain Structure & Function, Brain Topography, Cell Reports, Cerebral Cortex, Cognition, Cognitive Neurodynamics, Cognitive Affective and Behavioral Neuroscience, Cognitive Processing, Cognitive Science, Communications Biology, Current Directions in Psychological Science, eLife, Entropy, European Journal of Neuroscience, Frontiers, Human Brain Mapping, Interface Focus, International Journal of Computer Vision, iScience, Journal of Neurophysiology, Journal of Neuroscience, Journal of Neuroscience Methods, Magnetic Resonance in Medicine, Nature Communications, Nature Human Behavior, Nature Neuroscience, Neural Networks, Neuroimage, Neuropsychologia, Patterns, PLOS Computational Biology, Psychological Science, Proceedings of the National Academy of Sciences U S A, Proceedings of the Royal Society B
Conferences	NIPS, PRNI, ECCV, ECVF, ICCV, CCN, Cosyne
Graduate Programs	Berlin School of Mind&Brain, Einstein Center for Neuroscience
Grant Agencies	ANR (Agence Nationale de la Recherche) A*STAR (Agency for Science, Technology & Research Singapore) Alexander von Humboldt Foundation Czech Ministry of Health DFG (German Research Foundation), ERC (European Research Council) ETAg (Estonian Research Council) FWO (Research-foundation – Flanders) IRF (Icelandic Research Foundation) ISF (Israel Science Foundation) MRC (Medical Research Council) NSERC (Natural Sciences and Engineering Research Council of Canada) NSF (National Science Foundation)

Editorship NWO (Dutch Research Council)
OSF (National Science Center Poland)
SFN (Swiss National Science Foundation)
Studienstiftung (German National Scholarship Foundation)
Associate Guest Editor for PLOS Computational Biology

TEACHING

2022/23 *Visual Object Recognition* (FUB), seminar: Instructor
2021/22 *Introduction to Experimental Psychology* (FUB), lecture:
Instructor
2020/21 *Theory of Science for Psychology* (FUB), seminar:
Instructor
2019 *Cognitive Neuroscience BII* (FUB), seminar: Instructor
07 / 2018 *Introduction to EEG and MEG: theory, acquisition and
analysis* (Royan Institute, Tehran, Iran), 2-day course in
summer school: Instructor
02 / 2018 *Introduction to multivariate pattern analysis on MEG
data* (University of Stockholm), 1-day PhD course lecture
& tutorial: Instructor
2014 *Neurotechnology in action* (MIT): Guest Lecturer
2013 – 2015 *A look into the human brain* (MIT): Guest Lecturer