Bharath Chandra Talluri

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Born: January 26, 1990 at Vijayawada, India

Nationality: Indian

Education

2016-Current	Ph.D. in Cognitive Neuroscience, **University Medical Center Hamburg-Eppendorf**, Germany *Thesis:* Neurobiological basis of sequential bias in decision-making *Advisor:* Tobias Donner
2012-13	M.Sc. in Cognitive Science, **University of Edinburgh**, UK *Thesis:* Characterising the properties of natural and laboratory animal- rearing environments and investigating their impact on models of visual cortex development *Advisor:* James Bednar
2008-12	B.Tech. in Electrical Engineering, **Indian Institute of Technology Roorkee**, India *Thesis:* Autonomous path planning and control of a simulated wheeled mobile robot using feedback linearisation *Advisor:* Gopinath Pillai

Research

Research Interests

Perceptual decision-making, Computational modelling, Computational Neuroimaging (fMRI, MEG), Metacognition

Research Visits

2016	Guest Scientist, Prof. John-Dylan Haynes' lab, Berlin Center for Advanced Neuroimaging, and Bernstein Center for Computational Neuroscience, Berlin
2014-15	Research Intern, Cognitive Neuroscience laboratory, German Primate Center, Goettingen
2012-13	Research Assistant, Institute of Perception, Action and Behaviour, University of Edinburgh
2011	Research Intern, Institute of Perception, Action and Behaviour, University of Edinburgh

Peer-Reviewed Journal Articles

- **Talluri, B. C.***, Urai, A. E.*, Tsetsos, K., Usher, M., Donner, T. H. (2018). Confirmation bias through selective overweighting of choice-consistent evidence. Current Biology. 28(19), 3128-3135.
  doi: 10.1016/j.cub.2018.07.052.
  Commentary: Prat-Ortega, G., de la Rocha, J. (2018). Selective attention: a plausible mechanism underlying confirmation biases. Current Biology. 28(19), R1151-R1154. *doi: 10.1016/j.cub.2018.08.024.*

- **Talluri, B. C.**, Hung, S.-C., Seitz A. R., Series, P. (2015). Confidence-based integrated reweighting model of task-difficulty explains location-based specificity in perceptual learning. Journal of Vision. 15(10):17, 1-12. *doi: 10.1167/15.10.17.*

* equal contribution

Working Papers

- **Talluri, B. C.***, Urai, A. E.*, Tsetsos, K., Bronfman, Z. Z., Brezis, N., Usher, M., Donner, T. H. Intermittent choice alters the gain of sensory evidence for continuous judgment. *in preparation*.

- Poland, E.*, **Talluri, B. C.***, Glim, S., Eichelberger, B., Treue, S., Krishna, B. S. Slow eye movements reflect human decision-making about visual motion discrimination. *in preparation*.

Conference Abstracts

- **Talluri, B. C.***, Urai, A. E.*, Tsetsos, K., Usher, M., Donner, T. H. (2018). Confirmation Bias in Continuous Decisions: Giving more Weight to Choice-Consistent Evidence. FENS Forum (*with travel award*) at Berlin, Germany.

- **Talluri, B. C.***, Urai, A. E.*, Tsetsos, K., Bronfman, Z. Z., Brezis, N., Usher, M., Donner, T. H. (2017). Intermittent overt choice alters the temporal weighting of sensory evidence in a continuous visual estimation task. European Conference on Visual Perception at Berlin, Germany.

- Rudiger, P., Stevens, J.-L., **Talluri, B. C.**, Perrinet, L., Bednar, J. (2014). Relationship between natural image statistics and lateral connectivity in the primary visual cortex. Cosyne Abstracts at Salt Lake city, USA.

Other Documents

- Papadimitriou, G., Fisher, R., Shillcock, R., **Talluri, B. C.** (2013). Psychophysics of Autostereogram Videos: Contrast, Repetition, Blur and Colour, *unpublished manuscript*.

Training

Experimental Techniques:	fMRI, Psychophysics using Pupillometry & Eye-tracking
Analysis Techniques:	Computational Modelling of behaviour, Multivariate Pattern Analysis of fMRI data
Programming Languages:	Matlab, Python, LaTeX, C++

Awards & Honors

2019-20	Postdoc transition grant, University Medical Center Hamburg-Eppendorf, Germany
2018	Travel award, German Neuroscience Society
2016	Travel grant, Boehringer Ingelheim Fonds foundation for basic research in medicine
2015	Travel award, Ecole des Neurosciences Paris Ile-de-France
2011-12	Member in the Board of studies, IIT Roorkee
2010-11	Student Affairs Council award, IIT Roorkee
2009-10	Merit-cum-Means scholarship, IIT Roorkee
2008-12	APP Meritorious scholarship, India
2008-09	T.I.M.E scholarship for best performance in entrance examination, India
2008	All India Rank 965 (99.7 percentile) in the Indian Institutes of Technology Joint Entrance Examination

Talks

2018	de la Rocha lab, Institut D'Investigacions Biomédiques August Pi i Sunyer (IDIBAPS), Barcelona, Spain
2016	Department of Electrical Engineering, Indian Institute of Technology Roorkee, India
2015	Glaescher lab, University Medical Center Hamburg-Eppendorf, Germany
2015	Forstmann lab, University of Amsterdam, The Netherlands

Workshops & Meetings

2016   Workshop on network modelling using the Virtual Brain, University Medical Center Hamburg-Eppendorf, Germany

2015   Workshop on analysis and modulation of brain networks, University Medical Center Hamburg-Eppendorf, Germany

2015   Summer school on computational approaches to Memory and Plasticity, National Center for Biological sciences at Bangalore, India

Memberships

Federation of European Neuroscience Societies
German Neuroscience Society

Last updated: December 25, 2018