

Centre of Behavioural and Cognitive Sciences Foundation Day Lecture, October 28-29, 2020

1. “Attention in the heart of intelligence” by Dr. Charo Rueda, Dept. of Experimental Psychology, Mind, Brain and Behaviour Research Centre (CIMCYC), University of Granada, Spain – 28th October, 2020
2. “Emotions, network dynamics and brain states” by Dr. Patrik Vuilleumier, University of Geneva, Switzerland – 29th October, 2020



The Centre of Behavioral and Cognitive Sciences, University of Allahabad celebrated its 19th Foundation Day on 28th October, 2020. On this occasion the Centre organized two special lectures (online) by eminent cognitive neuroscientists on 28th and 29th October, 2020. Prof. R.R. Tiwari, Honorable Vice Chancellor, University of Allahabad, Chaired the session. The session on 28th October began with a brief report on the accomplishments of the Centre during the past year by the Head of the Centre, Prof. Bhoomika R. Kar after which Prof. Janak Pandey, Founder Head, CBCS delivered his address highlighting the potential of the Centre to move towards clinical neurosciences. Prof. R. R. Tiwari, in his address congratulated the Centre for its contribution to the field of cognitive science and emphasized upon the multi-faceted growth of this discipline in India. The first special lecture was delivered by Prof. Charo Rueda, Dept. of Experimental Psychology, Mind, Brain and Behaviour Research Center (CIMCYC), University of Granada, Spain. Prof. Rueda leads a team of researchers at CIMCYC who work primarily on Executive Attention and Intelligence using methods of cognitive neuroscience and behavioural tasks. The title of her talk was “Attention in the heart of Intelligence” where she explained the relationship between executive attention and intelligence. She explained how measures for executive attention can also represent aspects of fluid intelligence and how some recent experiments with children in her lab indicate that executive processes may relate with general intelligence measures, brain networks and be applied to training children in these respects. She also spoke about co-evolution of and a common anatomy for executive attention and intelligence. Prof. Patrik Vuilleumier, University of Geneva delivered the second special lecture on 29th October, 2020 on the topic “Emotions, Network dynamics and Brain states”. Dr. Vuilleumier is a Professor in the Dept of Neuroscience, University of Geneva, Switzerland. He uses brain imaging techniques to study the brain mechanisms of emotion and awareness. In his talk he described how brain mechanisms of positive and negative emotional episodes influence mental states

over a period of time and how healthy and psychiatric populations show lasting changes in brain activity and connectivity following emotional episodes.