Autism and talent

Papers of a Discussion Meeting held at the Royal Society on 29 and 30 September 2008.
Organized and edited by Francesca Happé & Uta Frith.

Contents

Introduction
The beautiful otherness of the autistic mind
  F. Happé and U. Frith

Articles
The savant syndrome: an extraordinary condition. A synopsis: past, present, future
  D. A. Treffert

Savant skills in autism: psychometric approaches and parental reports
  P. Howlin, S. Goode, J. Hutton and M. Rutter

What aspects of autism predispose to talent?
  F. Happé and P. Vital

Talent in autism: hyper-systemizing, hyper-attention to detail and sensory hypersensitivity
  S. Baron-Cohen, E. Ashwin, C. Ashwin, T. Tavassoli and B. Chakrabarti

Enhanced perception in savant syndrome: patterns, structure and creativity
  L. Mottron, M. Dawson and I. Soulières

Perception and apperception in autism: rejecting the inverse assumption
  K. Plaisted Grant and G. Davis

Explaining and inducing savant skills: privileged access to lower level, less-processed information
  A. Snyder

Talent in the taxi: a model system for exploring expertise
  K. Woollett, H. J. Spiers and E. A. Maguire

Do calendrical savants use calculation to answer date questions? A functional magnetic resonance imaging study
  R. Cowan and C. Frith

A case study of a multiply talented savant with an autism spectrum disorder: neuropsychological functioning and brain morphometry
  G. L. Wallace, F. Happé and J. N. Giedd

Radial cytoarchitecture and patterns of cortical connectivity in autism
  M. Casanova and J. Trippe

How does visual thinking work in the mind of a person with autism? A personal account
  T. Grandin

1343
Assessing musical skills in autistic children who are not savants
   P. Heaton

Precocious realists: perceptual and cognitive characteristics associated with drawing talent in non-autistic children
   J. E. Drake and E. Winner

Outsider Art and the autistic creator
   R. Cardinal

Autistic autobiography
   I. Hacking

Stereotypes of autism
   D. Draaisma