

THE SOLOMON H. SNYDER DEPARTMENT OF NEUROSCIENCE AND
THE ZANVYL KRIEGER MIND/BRAIN INSTITUTE

Why we see things the way we do

Rüdiger von der Heydt's Retirement Symposium Celebrating
Research into the Neural Basis of Visual Perception



Mon.-Tues., May 15-16, 2017

Sherwood Room, JHU Homewood

Photo by Edwyn Gould
Computation by Brian Hu

**Monday
May 15, 2017**

10:00 am Ernst Niebur (Johns Hopkins University)

Introduction

10:30 am Lothar Spillmann (National Taiwan University)

Fading and filling-in and the perception of extended surfaces

11:30 am Ken Nakayama (Harvard University)

The subjective contour as border ownership readout

2:00 pm Anitha Pasupathy (University of Washington)

Cortical processing of visual occlusion

3:00 pm Hidehiko Komatsu (National Institute for Physiological Sciences, Japan)

Neural processing of Shitsukan - perception of materials and surface qualities of objects

**Tuesday
May 16, 2017**

9:00 am Doris Tsao (California Institute of Technology)

Constructing a coherent account of a visual scene: Interactions between face patches and retinotopic cortex

10:00 am Margaret Livingstone (Harvard Medical School)

Functional Modules: How do we get them and what good are they?

11:00 am Pieter Roelfsema (Netherlands Institute for Neuroscience)

Thinking and perceiving with the visual brain

12:00 pm Rüdiger von der Heydt (Johns Hopkins University)

Conclusion

For information:

<http://krieger.jhu.edu/mbi>

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