

Psychology C 54 **Cognition and Representation** 2005 Tues 7-9 S128

Instructor: **John M. Kennedy** kennedy@utsc S 421B, Office hours T6pm, W 9am

TAs: S555 **Juan Bai** bai@utsc, **Igor Juricevic** igorphd@hotmail.com

Text: Art beyond sight: E. S. Axel & N. Levent (eds.)

Tspace Parts of 1,3,4,5,6,7. For very useful notes on 1 to 7 consult

<http://www.utsc.utoronto.ca/%7Epsyc54/PSYC54/TOC.html>

**PART 1: Identifying representations of objects in vision and touch**

Date	Topic	Readings
Jan 4:	Kennedy: Pictures and the blind, outline, perspective, metaphor, development	*Text: Kennedy p.23, 72-83. *Tspace Chapter 1
Jan 11:	Juan Bai: Outline and theories. All possible visual borders. Shadow and Hering	*K& Bai (04) Line at shape-from-shadow border tested with stereo. Pn, 33, 653-665, * K&Bai (00) Cavanagh and Leclerc shape-from-shadow pictures? Pn, 29,399-407
Jan 18:	Juan Bai: Tactile pictures: PLUS: Sign up for demonstration experiments	*Tspace Chapter 3 * Text: Heller p. 136-145 *K&Bai (2002) Haptic pictures Pn, 31, 1013-1026
Jan 25:	Kennedy: Recognizing pictures	Tspace Chapter 3 Text : Pring: 114-135 & Eisner 62-71
Feb 1	Exam 1: Multiple choice and short essay options: 30% Extra office hours!	

**PART 2: The development of the ability to draw in sighted and blind**

Date	Topic	Readings
Feb 8:	Kennedy: Drawing development	*Tspace Chapter 4 & parts of Chapter 5 *K. (03) Drawings by Gaia, a blind girl Pn, 32, 321-340
Feb 22:	Kennedy: Drawing development	*K& Juricevic (03) Haptics and projection: Tracy, adult. Pn, 32, 1059-1071
Mar 1:	Kennedy: Drawing (in Historical and philosophical context)	*Tspace Chapter 5 *Text: Hayhoe 84-95, Eriksson 96-112. Philosophy of representation: Lopes 176-185, & Hopkins 186-199
Mar 8	Exam 2: Multiple choice and short essay options: 35% Extra office hours!	

### PART 3: Perspective and metaphor in vision and touch

Date	Topic	Readings
<b>Mar 15:</b>	Igor Juricevic Perspective: Results of demonstration experiments Plus IJ's brand new theory!	*Tspace parts of Chapter 6 *Text: Jansson & Holmes p. 146-153 *K&Juricevic (02) Foreshortening gives way to forelengthening <u>Pn, 31</u> , 893-894.
<b>Mar 22:</b>	Kennedy and Tyler Roncero: Metaphor: Plus new theory!	*K & Merkas (00) Depictions of motion devised by a blind person: <u>Psychonomic Bulletin and Review</u> , <u>7</u> , 700-706 * Tspace Chapter 7
<b>Mar 29:</b>	Kennedy: Classroom & community, Museums	*Text 354 to 499: Selections
Final exam in exam period: 35% including 5% short essay on demonstration expts. Extra office hours in study period. Plus 5% bonus questions if below 50% on exams.		

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Selections from websites: Pn = Perception,

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**PART 1: Identifying representations of objects in vision and touch**

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Text: Kennedy p.23, 72-83.

Also: <https://tspace.library.utoronto.ca/handle/1807/1021> Chapter 1

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Tspace 1021: Chapter 3 & Text: Heller p. 136-145

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Plus II's brand new theory! Also text: Jansson & Holmes p. 146-153

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