



Geometric instruments for neuroscience

December, 7–16, 2015

EHESS – CAMS

Avenue de France 90, Paris

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Collège de France

Scope of the course is to provide instruments necessary to develop geometric models of neuroscience. The course will focus in particular on the pinwheel organization of the primary visual cortex. It is organized in 15 hours, with lessons and laboratory hours, with the following detailed calendar:

First part: the geometry of the visual cortex

December 7, 2015: 10.00-12.00 theory – lesson 1

December 10, 2015: 14.00-16.00 laboratory lesson 3

December 11, 2015: 10.00-12.00 theory lesson 2

December 11, 2015: 14.00-12.00 laboratory lesson 2

Second part: the geometry of pinwheels

December 14, 2015: 10.00-12.00 theory lesson 2

December 14, 2015: 14.00-16.00 laboratory lesson 2

December 15, 2015: 10.00-11.00 theory lesson 3

December 16, 2015: 14.00-16.00 laboratory lesson 3

