

Dr. Katja Reinhard

Assistant Professor (RTD-b) in Neurobiology at SISSA

Lab of Flexibility in Circuits & Behaviour – Laboratorio di flessibilità nei circuiti & comportamento

2016 – 2022 Postdoc
NERF, KU Leuven, Belgium

2016 PhD in Neurosciences
CIN, University of Tübingen,
Germany

2011 MSc in Biomedical Sciences
University of Bern, Switzerland

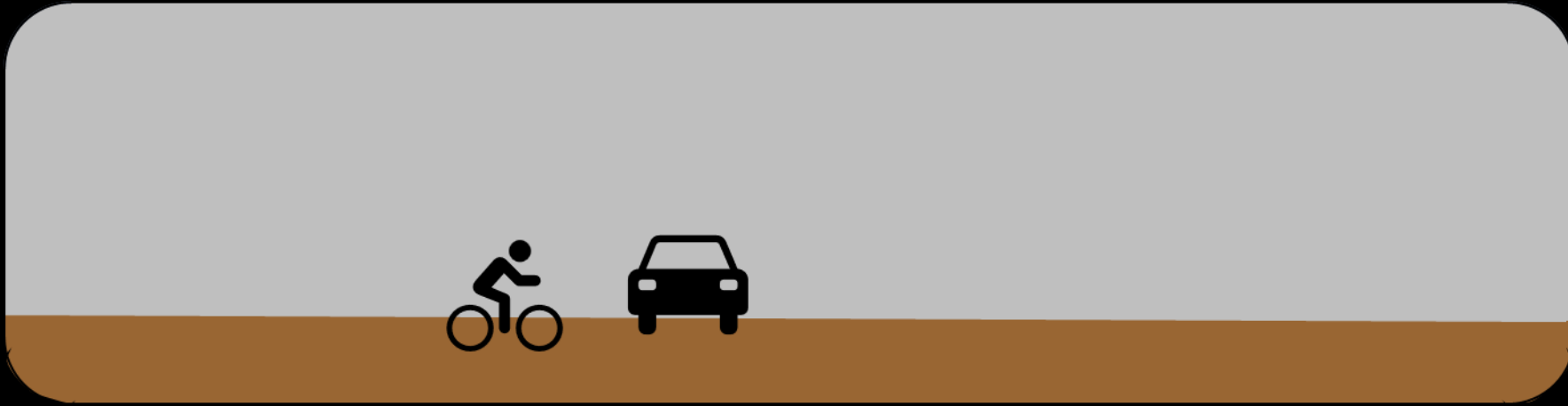
2009 BSc in Biomedical Sciences
University of Fribourg, Switzerland



2022 – now RTD-b
SISSA, Italy
ERC-StG-2022 “FLEXIN”



innate behaviours are essential – comportamenti innati sono essenziali



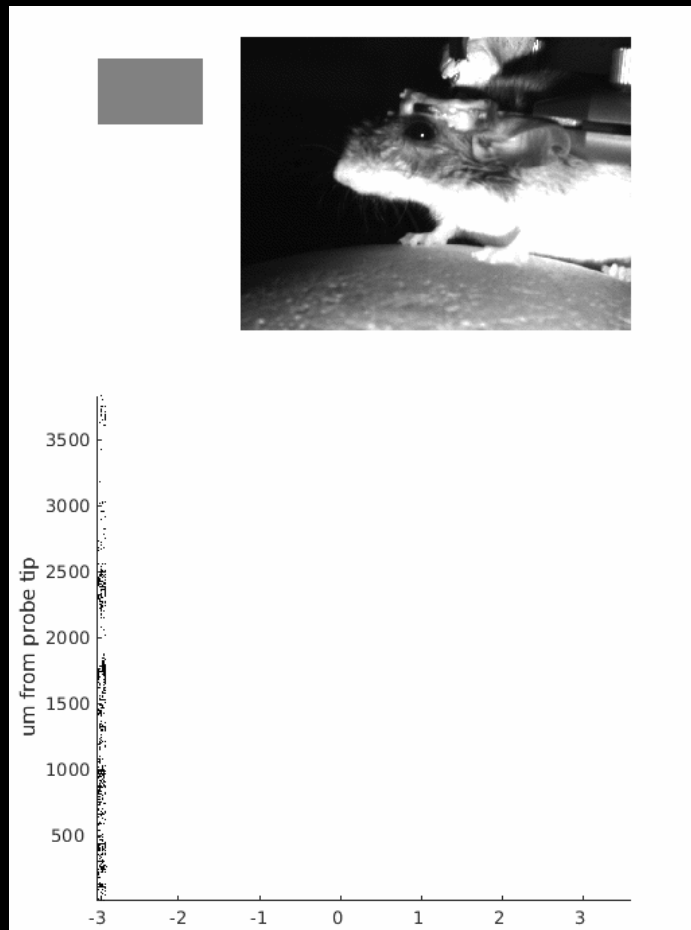
innate behaviours need to be flexible – comportamenti innati devono essere flessibili



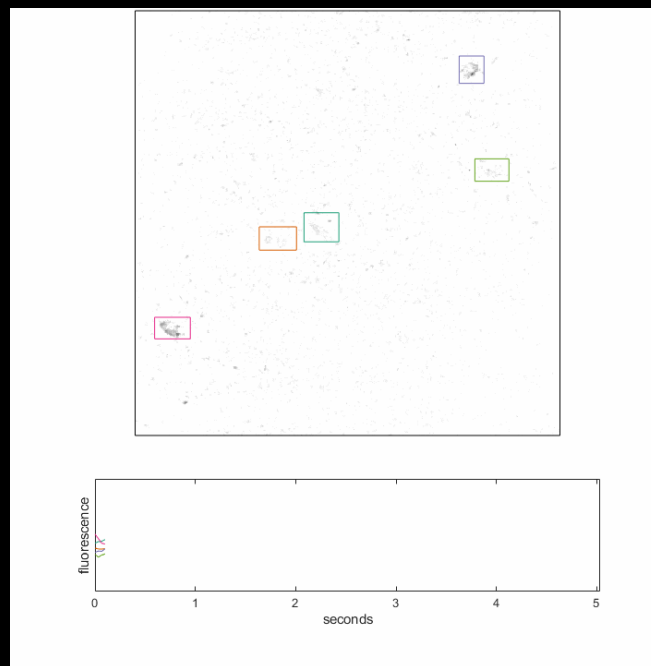
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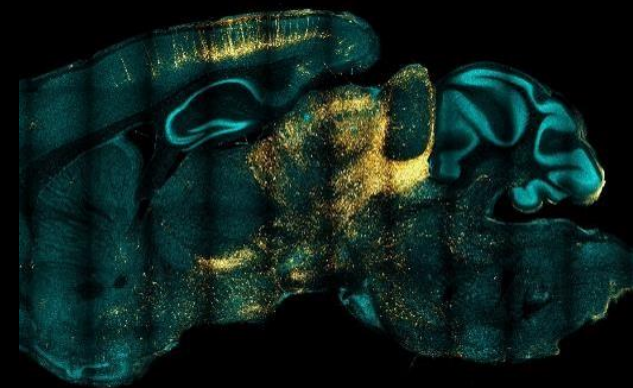
complex methodology to study neural circuits and behaviour –
metodologia complessa per lo studio di circuiti neurali e comportamento



Calcium Imaging



Viral tracing



Different species

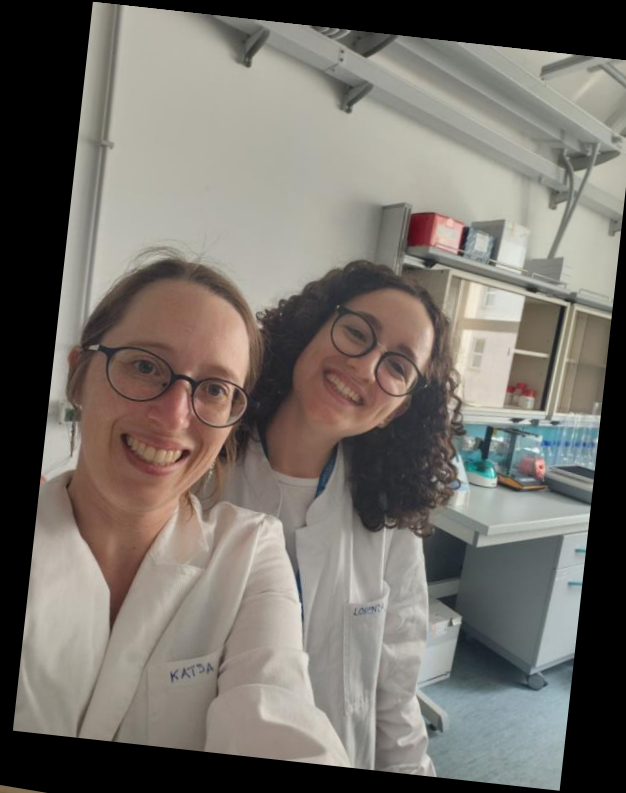


complex methodology to study neural circuits and behaviour –
metodologia complessa per lo studio dei circuiti neurali e del comportamento

Our research ...

- ... is expensive (complicated equipment, expensive consumables, large data, facilities)
- ... requires many approvals (animals, biosafety)
- ... is slow (long training of lab members, breeding of animals)

Why SISSA & Italy



- ❖ Quality of life
- ❖ Welcoming and supporting institute
- ❖ Independence
- ❖ Excellent students
- ❖ Purchasing power of international grants
- ❖ Willingness to find solutions



FACULTY		
	Anna Menini Olfactory system Full Professor	
	Paul Heppenstall Physiology of somatosensation Course Coordinator - Full Professor	
	Michele Giugliano From neurons to networks Associate Professor	
		Giuliano Taccola Spinal cord neurophysiology Associate Professor
		Katja Reinhard Sensory-motor processing Assistant Professor