

# Schedule

	<b>Monday, June 17</b>
<b>8:30</b>	<b>Coffee Canteen</b>
<b>09:30</b>	<b>Sanjay Sane, Holger Krapp, Tom Daniel:</b> Welcome and goals for the workshop ...
<b>09:40</b>	<b>Holger Krapp Imperial College</b> Multimodal control architectures for gaze and flight control – integrating inner- and outer-loop behaviour
<b>10:20</b>	Break
<b>11:00</b>	<b>Ric Wehling, AFRL</b> How do flying insects reacquire ‘targets’
<b>11:40</b>	<b>Graham Taylor, Oxford University</b> Modelling optic flow estimation, gaze strategy, and sensorimotor integration in birds and insects through deep learning
<b>12:20</b>	<b>LUNCH</b>
<b>14:00</b>	<b>Paloma Gonzalez-Bellido, University of Minnesota</b> The effects of image stabilization and gravity in the aerial attack of visually guided predatory insects
<b>14:40</b>	<b>Kit Longden, HHMI Janelia Farm</b> Ultraviolet color motion vision for object detection and elevation control in <i>Drosophila</i>
<b>15:20</b>	BREAK
<b>16:00</b>	<b>Jamie Theobald, Florida International University</b> Size, speed, and photon noise during flight
<b>16:40</b>	<b>Speaker panel summary 1</b>
<b>17:20</b>	<b>Posters day 1</b>
<b>18:00</b>	


## AFOSR Workshop on Multisensory Integration in Insect Flight Dynamics

	<b>Tuesday, June 18</b>
<b>08:30</b>	Gather and drink coffee
<b>09:00</b>	<b>Jennifer Talley, AFRL</b> Common Feature Representation Across Sensory Systems as a Basis for Multimodal Processing
<b>09:40</b>	<b>Steve Brunton , University of Washington</b> Optimal design of sensing and actuation in flight control
<b>10:20</b>	BREAK Drink more coffee
<b>11:00</b>	<b>Shannon Olson, National Centre for Biological Sciences</b> Multimodal Virtual Reality and the Anthropocene
<b>11:40</b>	<b>Axel Brockmann, National Centre for Biological Sciences</b>
<b>12:20</b>	LUNCH
<b>14:00</b>	<b>Michael Dickinson, California Institute of Technology</b> Straighten up and fly right: guidance and navigation in <i>Drosophila</i>
<b>14:40</b>	<b>Floris van Breugel, University of Nevada</b> Multi-sensory integration during search behavior
<b>15:20</b>	BREAK
<b>16:00</b>	<b>Bing Brunton, University of Washington</b> Sparse sensing and control for agile flight
<b>16:40</b>	<b>Speaker panel summary 2</b>
<b>17:20</b>	<b>Poster session 2</b>
<b>18:00</b>	

## AFOSR Workshop on Multisensory Integration in Insect Flight Dynamics

	<b>Wednesday, June 19</b>
<b>08:30</b>	Gather and drink coffee
<b>09:00</b>	<b>Sanjay Sane, National Centre for Biological Sciences</b> Flying in a multisensory world: the role of descending interneurons processing multimodal cues
<b>09:40</b>	<b>Tom Daniel, Tanvi Deora, Mahad Ahmed, Bing Brunton</b> Multisensor integration and active sensing in plant-pollinator interactions
<b>10:20</b>	<b>BREAK</b> Drink more coffee
<b>11:00</b>	<b>Shane Windsor, Bristol University</b> Bio-inspired distributed flow and force sensing systems for Unmanned Air Vehicle flight control
<b>11:40</b>	<b>Sean Humbert, University of Colorado</b> Biological Sensorimotor Convergence: Opportunities to Enhance Future Engineered Systems
<b>12:20</b>	LUNCH
<b>14:00</b>	<b>Speaker panel summary 3</b>
<b>14:40</b>	
<b>15:20</b>	
<b>16:00</b>	
<b>16:40</b>	
<b>17:20</b>	<b>Workshop Banquet Dinner.</b>
<b>18:00</b>	

## AFOSR Workshop on Multisensory Integration in Insect Flight Dynamics

	<b>Monday June 17</b>	<b>Tuesday June 18</b>	<b>Wednesday June 19</b>	<b>Thursday June 20</b>
<b>08:30</b>	Coffee in the Canteen	Coffee in the Canteen	Coffee in the Canteen	Field trip to Nandi Hills
<b>09:20</b>	Sanjay, Holger, and Tom	Jennifer Talley	Sanjay Sane	
<b>09:40</b>	Holger Krapp	Steve Brunton	Tom Daniel	
<b>10:20</b>	BREAK Drink more coffee	BREAK Drink more coffee	BREAK Drink more coffee	
<b>11:00</b>	Ric Wehling	Shannon Olson	Shane Windsor	
<b>11:40</b>	Graham Taylor	Axel Broackmann	Sean Humbert	
<b>12:20</b>	LUNCH	LUNCH	LUNCH	
<b>14:00</b>	Paloma Gonzalez-Bellido	Michael Dickinson	Speaker Panel 3	
<b>14:40</b>	Kit Longden	Floris van Breugel		
<b>15:20</b>	BREAK	BREAK	BREAK	
<b>16:00</b>	Jamie Theobald	Bing Brunton		
<b>16:40</b>	Speaker Panel 1	Speaker Panel 2		
<b>17:20</b>	Student Postdoc Posters 1	Student Postdoc Posters 2		
<b>18:00</b>				