

## Monday, October 07

09:00 Registration

09:20 Welcome

### 09:25 Session 1

Simon Nimpf

*Neural representation of color in the pigeon brain*

Winston Seah

*Functional Organization of Visual Processing in the Avian Brain*

Sara Silva

*Representation of naturalistic scenes in the pigeon's visual stream*

10:50 Coffee break

### 11:05 Session 2

Alex Thornton

*Building social worlds: how minds shape societies and societies shape minds*

Alex Taylor

*The signature testing approach to biological intelligence*

12:30 Lunch and Posters

### 14:00 Session 3

Diana Liao

*Production and perception of complex vocal sequences in crows*

Lutz Wehrland

*Bird-Brain AI: Using Deep Learning to Decode Jackdaw Vocal Communication*

Jane Francescon

*Vocal Turn-Taking in Jackdaws*

15:25 Coffee break

### 15:40 Session 4

Leyre Castro

*Blocking in categorization: Humans, but not pigeons, fall into the 'learning trap'*

Juan Peschken

*Defining context in extinction learning*

16:45 Reception

### 17:00 Keynote Lecture

Onur Güntürkün

*Deep Time and the Convergent Evolution of Complex Cognition*

18:30 Dinner

## Tuesday, October 08

### 09:30 Keynote Lecture

Ed Wasserman

*Perceptual and associative mechanisms in avian visual categorization*

10:30 Coffee break

### 10:45 Session 5

Felix Ströckens

*Of aging pigeons and smart crows – Some histological findings from the avian forebrain*

Felix Moll

*Toward a Neurobiology of Corvid Tool Use*

Hiroshi Matsui

*Embodied intelligence: dextrous sensorimotor capabilities in Corvids*

12:30 Lunch

### 13:30 Session 6: Methods Round Table

Fumihiko Kano

*Automatic tracking of animal gaze and posture as a new approach to the study of animal cognition and behavior*

Guillermo Gadea

*Challenges of 3D markerless tracking to investigate spatial memory and optimal foraging strategies in pigeons*

14:45 Good-Bye and Poster Prizes