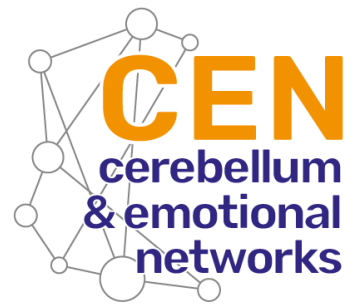


CEN NETWORK MEETING

ÉCOLE NORMALE SUPÉRIEURE, PARIS

7 – 8 JULY 2022



Salle Favard, Institut de Biologie de l'Ecole Normale Supérieure, 46 rue d'Ulm 75005

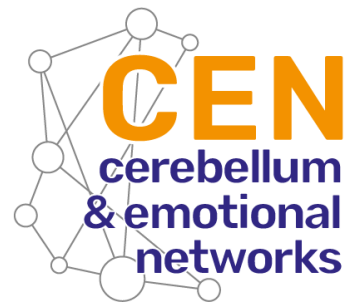
Day 1 - Thursday 7 July

08.30 - 08.45	Arrival
08.45 - 08.55	Welcome address Richard Apps, Network Coordinator
08.55 - 10.30	Introduction to methods part 1 <i>Chair: Richard Apps</i> Behavioural/autonomic fear & anxiety profiling <ul style="list-style-type: none"> In rodents, Philip Tovote Analysis of circuit wiring & activity <ul style="list-style-type: none"> Calcium imaging, Philip Tovote Viral methods and in vivo multielectrode electrophysiological recordings, Clement Lena, Daniela Popa Electrophysiological recording, Egidio D'Angelo
10.30 - 10.45	Break
10.45 - 11.15	Partner presentations Louisa Christie , Cerevance Norbert Hogrefe , Inscopix
11.15 - 12.30	Work package discussions Group 1 - WP4, WP5, WP6 <i>Leads: Richard Apps, Daniela Popa, Egidio D'Angelo</i> Group 2 - WP7 <i>Lead: Dagmar Timmann</i>
12.30 - 13.30	Lunch and group photo
13.30 - 14.15	ESR Committee ESRs to meet to elect a committee chair and representatives for the Supervisory Board and Development Team. Academic Assembly Inaugural meeting of the Academic Assembly
14.15 - 15.45	ESR presentations <i>Chair: Philip Tovote</i> Pavia - Camilla Ciapponi (ESR4) , Yuhe Li (ESR8) , Dianela Osorio (ESR9) Würzburg - Nina Seiffert (ESR3) , Gabriela Neubert da Silva (ESR6)
15.45 - 16.00	Break
16.00 - 17.00	Keynote lecture Synchrony and synaptic signaling in cerebellar circuits, Prof. Indira Raman
19.30	Dinner Bouillon Racine (3 rue Racine, 75006 Paris)

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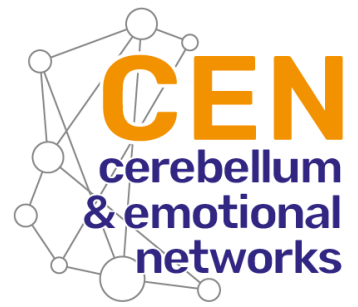
Day 2 - Friday 8 July

08.30 - 08.45	Arrival
08.45 - 09.45	Introduction to methods part 2: <i>Chair: Daniela Popa</i> Behavioural/autonomic fear & anxiety profiling <ul style="list-style-type: none"> In humans, Tomas Furmark Analysis of circuit wiring & activity <ul style="list-style-type: none"> Human imaging, Dagmar Timmann, Kristoffer Månsson
09.45 - 10.20	ESR presentations <i>Chair: Daniela Popa</i> Bristol - Vassilemma Spatharioti (ESR5) , Fernando Senovilla (ESR7)
10.20 - 10.35	Break
10.35 - 12.30	ESR presentations <i>Chair: Dagmar Timmann</i> Essen - Alice Doubliez (ESR10) , Enzo Nio (ESR13) Paris - Julie Urrutia Desmaison (ESR1) , Ahsan Ayyaz (ESR2) Edinburgh - Sabina Couto Ovejero (ESR11) , Jingjing Ye (ESR12)
12.30 - 13.30	Lunch
13.30 - 14.10	ESR presentations <i>Chair: Tomas Furmark</i> Karolinska Institutet - Tuğçe Yıldız (ESR14) Uppsala - Patricia Gil Paterna (ESR15)
14.10 - 15.00	Closed session ESRs meet with Prof. Javier Medina , External Advisory Board Member
15.00 - 16.00	Future plans and closing remarks <ul style="list-style-type: none"> Preparations for Mid-term Check Meeting, Vicky Walter Closing remarks, Richard Apps and Javier Medina

CEN NETWORK MEETING

ÉCOLE NORMALE SUPÉRIEURE, PARIS

7 – 8 JULY 2022



List of Work Packages and Projects

WP4 Research Objective 1: Cerebellar modules and behaviour (Lead: Richard Apps)

- ESR1 **Julie Urrutia Desmaison** - Cerebellar involvement in fear memory
- ESR2 **Ahsan Ayyaz** - Cerebello-limbic system neuronal dynamics during fear conditioning and extinction
- ESR3 **Nina Seiffert** - Signal integration within reciprocal cerebellar-brainstem circuits during aversive emotional states
- ESR4 **Camilla Ciapponi** - Cerebellar neuronal activity during emotional control -
- ESR5 **Vassilemma Spatharioti** - Cerebellar contributions to the control of integrated affective behaviours

WP5 Research Objective 2: Cerebellar-limbic pathways (Lead: Daniela Popa)

- ESR6 **Gabriela Neubert da Silva** - Functional input/output connectivity of selected cerebellar neuronal subpopulations in fear and anxiety
- ESR7 **Fernando Senovilla Sanz** - Cerebellar contributions to fear extinction and chronic pain

WP6 Research objective 3: Cerebellar computations (Lead: Egidio D'Angelo)

- ESR8 **Yuhe Li** - Signal processing in cerebellar modules involved in emotional, cognitive and motor control loops
- ESR9 **Dianela Andreina Osorio Becerra** - Computational modelling and simulation of the cerebellar circuits involved in emotional control

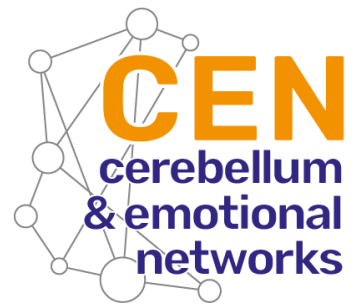
WP7 Research objective 4: Pathophysiological mechanisms (Lead: Dagmar Timmann)

- ESR10 **Alice Doubriez** - Contribution of the human cerebellum to fear learning: 7T fMRI studies in healthy human participants including pharmacological interventions
- ESR11 **Sabina Couto Ovejero** - Characterisation of the cerebellum and emotional networks in a transgenic rat model of ASD
- ESR12 **Jingjing Ye** - Using fMRI to characterise cerebellar interactions with large-scale fear networks related to fear behaviour in a transgenic rat model of ASD
- ESR13 **Enzo Nio** - Contribution of the human cerebellum to fear learning: 7T fMRI studies in patients with cerebellar degeneration
- ESR14 **Tugce Yildiz** - The function of the cerebellum in disorders of the affective spectrum
- ESR15 **Patricia Gil Paterna** - Role of the cerebellum in approach-avoidance motivational states

CEN NETWORK MEETING

ÉCOLE NORMALE SUPÉRIEURE, PARIS

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List of Attendees

Name	Affiliation	Email
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