

32^{ème} colloque de l'Union Internationale pour l'Etude des Insectes Sociaux



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13:00 – 13:45 | **Accueil des participant-e-s et café de bienvenue**

13:45 – 14:00 | **Introduction au colloque**

14:00 – 15:00 | **Jean-Christophe SANDOZ**

Evolutionary neuroethology of olfaction in honey bees and social Hymenoptera

15:00 – 15:30 | **Pause café**

15:30 – 15:45 | **Coline MONCHANIN**

Chronic radioactive exposure impairs the learning skills of giant hornets

15:45 – 16:00 | **Mélissa PITZALIS – Julie CARCAUD**

*Gustatory perceptual similarity and discrimination abilities in *Apis mellifera**

16:00 – 16:15 | **Benjamin JAUFFRET**

Learning performance is consistent across time and tasks in ants

16:15 – 16:30 | **Kristine ABENIS**

Automating monitoring of visual learning and memory in bees

16:30 – 16:45 | **Iago BUENO DA SILVA**

Putting the social cockroaches on the map: Recent advances in the structural and functional neuroplasticity of termites

16:45 – 17:00 | **Antoine WYSTRACH**

Ant visual navigation: an intriguing mix of rigidity and flexibility

17:00 – 17:15 | **Christophe LUCAS**

Chemical keys to recognition in ant-aphid mutualism

17:15 – 17:30 | **Mathieu LIHOREAU**

How do bees move across space and why does it matter?

17:30 | **Fin de la première journée**

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9:30 – 10:30 | **Yuko ULRICH**

Behaviour and infection in clonal ant societies

10:30 – 11:00 | **Pause café**

11:00 – 11:15 | **Joël MEUNIER**

Alternative reproductive strategies in two cryptic species of the European earwig complex

11:15 – 11:30 | **Arthur MATTE**

The evolution of cheaper workers facilitated larger societies and accelerated diversification in ants

11:30 – 11:45 | **Thomas PARMENTIER**

Coupled but highly contrasting symbiont networks inside and outside ant nests in heathland

11:45 – 12:00 | **Gabriela LACHAUD**

*Premier cas de coléoptère Cleridae (*Phyllobaenus obscurus*) parasitoïde de fourmis (complexe d'espèces *Ectatomma ruidum*)*

12:00 – 12:15 | **Eddie PÉROCHON**

Global distribution of sociality and its associations with environmental conditions in ants

12:15 – 12:30 | **Jean-Paul LACHAUD**

*Quelques cas d'interactions trophobiotiques entre Membracidae (Hemiptera) et la fourmi *Ectatomma tuberculatum* au Mexique*

12:30 – 14:00 | **Pause déjeuner**

14:00 – 15:00 | **Erik FRANK**

Evolution of Wound Care Behaviours in Ants: from amputations to antimicrobials

15:00 – 15:30 | **Pause café**

15:30 – 15:45 | **Sébastien OLLIER**

*Studying ant colour using a picture database: from human expertise to IA recognition – application to the hyperdiverse ant genus *Pheidole*.*

15:45 – 16:00 | **Arthur HAIS**

The potential role of microbiota on the variation in ants' cuticular chemical profile and consequences on nestmate recognition

16:00 – 16:15 | **Marie CASTERET**

*Food solicitations of *Ectatomma tuberculatum* larvae and their effects on worker's behavioural responses*

16:15 – 16:30 | **Simon DE WEVER**

Immune cost of parental care in the European earwig

16:30 – 16:45 | **Alice ROUX**

Impact of thermal stress on colony foundation in ants

16:45 – 17:00 | **David SILLAM-DUSSÈS**

Behavioral differentiation among workers reducing reproductive conflicts during colony inheritance in termites

17:00 – 17:15 | **Laura PASQUIER**

Does Juvenile Hormone regulate maternal egg care in the European earwig?

17:15 – 17:30 | **Vincent FOURCASSIE**

*Effet de la température sur le métabolisme et la déshydratation des ouvrières de différentes tailles de la fourmi granivore *Messor barbarus**

17:30 | **Session Poster suivie du cocktail dinatoire**

23:00 | **Fin de la deuxième journée**

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9:30 – 9:45 | **Romane BLAYA**

Le commerce de plantes ornementales comme voie d'introduction privilégiée des fourmis exotiques en France

9:45 – 10:00 | **Cleo BERTELSMEIER**

Microclimates predict smaller niche shifts in introduced ants than macroclimates

10:00 – 10:15 | **Baptiste NÉZEL**

Consequences of an emerging infectious disease on the invasion extent of the invasive garden ant over space and time

10:15 – 10:30 | **Olivier BLIGHT**

*De la détection à l'éradication : réponse à l'introduction de *Wasmannia auropunctata* dans le sud de la France*

10:30 – 11:00 | **Zoé SHERPA**

Temporal niche dynamics during ant invasions

10:45 – 11:15 | **Pause café**

11:15 – 11:30 | **Rafael CARVALHO DA SILVA**

Uncovering the impact of heat stress on ant's foraging activity

11:30 – 11:45 | **Kim CERDA**

*A comparative study of the foraging efficiency of two *Cataglyphis* Spanish desert ants*

11:45 – 12:00 | **Marina CHOPPIN**

Genetic and behavioral effects of social supergene on colony phenotype in Alpine silver ants

12:00 – 12:15 | **Enikő CSATA**

Chronic Fungal Infection Accelerates Age Polyethism in Ants Without Altering Immune Response

12:15 – 12:30 | **Romain LIBBRECHT**

Social control of queen specialization in ants

12:30 – 14:00 | **Pause déjeuner**

14:00 – 15:00 | **Damien GERGONNE**

*Are social arthropods better invaders? – A case study of *Vespula germanica**

15:00 – 15:30 | **Pause café**

15:30 – 15:45 | **Hugo LE LAY**

Reversible transcriptomic changes underlie the social control of queen specialization in the black garden ant

15:45 – 16:00 | **Matthieu DE LAMARRE**

Revealing the fine-scale genomic structure of a wood ant supercolony

16:00 – 16:15 | **Brandon DUQUENOY**

*Maintien du polymorphisme social et alaire chez la fourmi *Myrmecina graminicola* par la transmission égoïste d'un haplotype compensant un déficit de fitness*

16:15 – 16:30 | **Tristan KLAFTENBERGER**

Global latitudinal patterns and bioclimatic drivers of colour diversity in ant assemblages

16:30 | **Clôture du colloque**