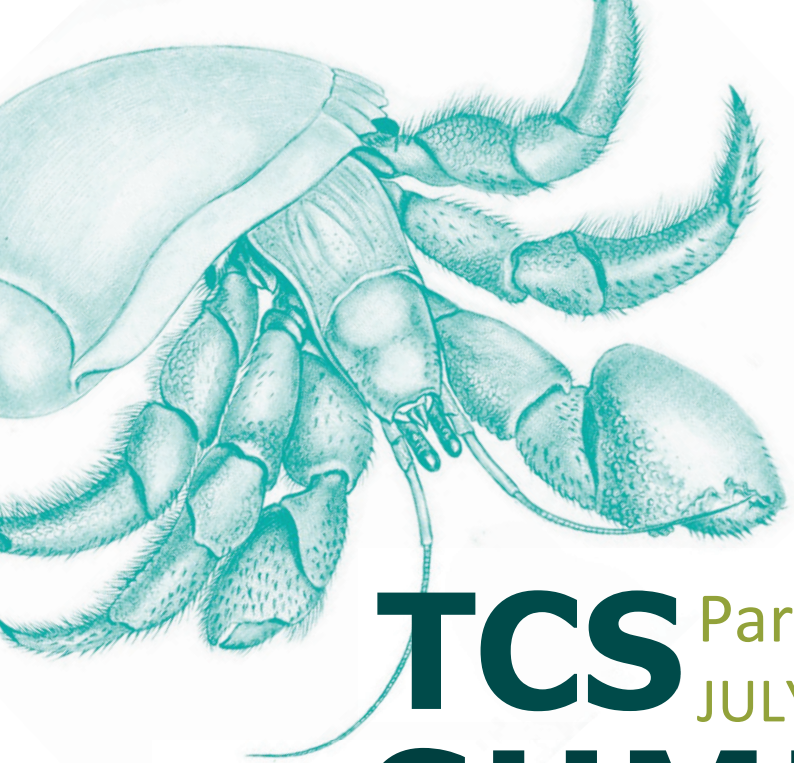




TCS Paris – FRANCE
JULY 7-10th 2025
**SUMMER
MEETING**

THE CRUSTACEAN SOCIETY



The Crustacean Society TCS Summer Meeting

PARIS . FRANCE
July 7-10th 2025



Table of Contents

Welcome to Paris	1
Organising Committees & Sponsors	2
Meeting Highlights	3
Map of Sorbonne University (Campus Jussieu)	4
Location Floor Map	5
Keynote Speakers.....	7
Meeting Program	8
Monday July 7 th 2025	8
Tuesday July 8 th 2025	13
Wednesday July 9 th 2025.....	18
Thursday July 10 th 2025.....	19
Tuesday Poster Session	23
List of Participants.....	29
List of Volunteers	34

The Crustacean Society TCS Summer Meeting

PARIS . FRANCE
July 7-10th 2025



Code of Conduct

The Crustacean Society Summer Meeting 2025 in Paris (hereafter referred to as TCS) is organized by Sorbonne University and The French National Natural History Museum. We are committed to creating a safe, inclusive, and welcoming environment for all participants, regardless of ethnicity, religion, national origin, professional status, physical appearance, physical ability, neurodivergence, gender, gender identity, sexual orientation, age, or any other personal characteristics. By participating in any activities of the 2025 TCS Summer Meeting, you voluntarily agree to abide by this Code of Conduct, which applies to all sessions, social events, site visits, and interactions within the community.

Expectations

We ask that all participants make every effort to maintain constructive and civil discourse at all times. This includes, but is not limited to:

- Speakers respecting designated time limits.
- Attendees being mindful to balance speaking and listening time.
- Especially welcoming newcomers, early-career participants, and volunteers to our community.

Complaints and Reporting

If you experience harassment or witness any inappropriate behavior, or if you have concerns about participant safety, please contact us immediately at tcs2025@sciencesconf.org or via our Instagram account [@tcs2025Paris](https://www.instagram.com/tcs2025Paris). We will respond promptly. In case of emergency, please dial **112**.

Use of Images and Media

Authors are responsible for using only original images or graphics that they own or for which they have permission to use, including AI-generated text or images. Proper licensing for all graphics must be ensured. If your slides or posters require licenses (e.g., Creative Commons) or cannot be shared, such restrictions must be clearly indicated on the affected media.

The Crustacean Society TCS Summer Meeting

PARIS . FRANCE
July 7-10th 2025



Attendees are requested to respect presenters' "no sharing" policies or attribution licenses posted on slides, posters, or other media. Conference participants may not share links to sessions with non-registrants outside the official conference platform (e.g., on social media).

Unacceptable Behavior

The following behaviors are strictly prohibited:

- **Harassment and Discrimination:** Including verbal, physical, or written harassment based on gender, ethnicity, religion, sexual orientation, disability, or other personal characteristics.
- **Intimidation or Abuse:** Deliberate intimidation, stalking, inappropriate physical contact, or unwelcome attention.
- **Disruption:** Sustained interruptions of sessions, panels, or other conference activities.
- **Retaliation:** Any threats or intimidation toward individuals reporting violations or supporting such reports.
- **Unwanted Photography:** Taking photographs of participants without their consent.

Enforcement and Consequences

Violations of this Code of Conduct will be addressed at the discretion of the Conference Organizing Committee, potentially in coordination with relevant organizational representatives. Possible consequences include:

- Immediate removal from conference activities without refund.
- Prohibition from attending future events or forums.
- Reporting to relevant authorities or employers as necessary.

Additional Venue Rules

- The conference venue is strictly non-smoking.
- Please do not bring food into the meeting rooms.
- Do not leave your luggage unattended anywhere to avoid security concerns.

The Crustacean Society TCS Summer Meeting

PARIS . FRANCE
July 7-10th 2025



Welcome to Paris

Dear participants,
Bienvenue ! Welcome!

After 31 years, *The Crustacean Society (TCS) Summer Meeting* returns to Paris, France, from **July 7–10, 2025**. We are delighted to welcome you. Following the 2024 meeting in Taipei, this year's event is hosted by researchers from **Sorbonne University** and the **French National Museum of Natural History (MNHN)**, highlighting the breadth of French carcinology from palaeontology to genomics.

Although Paris is not rich in native crustaceans, it has been a global hub for crustacean research for over two centuries. At the MNHN, pioneers like **Lamarck**, **Latreille**, and the **Milne-Edwards** family built the foundations of modern systematics through its vast collections. These were enriched by 18th-century naturalist expeditions and the MNHN's **Tropical Deep-Sea Benthos** program. Today, the MNHN crustacean collection is among the most diverse in the world.

Palaeontological and microscopic crustacean research also has deep roots in Paris, from 18th-century fossil collections to the rise of a "**French school**" that continues to shape the field globally.

We warmly welcome you to our beautiful City of Light for the 2025 TCS Summer Meeting and hope you will have a marvelous time attending the conference and enjoying the Parisian way of life for at least a few days.

Nous vous souhaitons un très bon congrès !

We wish you a great meeting!

The 2025 TCS Summer Meeting Organising Committees



The Crustacean Society



The Crustacean Society TCS Summer Meeting



Organising Committees & Sponsors

Pr. Fabienne Audebert

Sorbonne Université, UMR BOREA

Dr. Valentin de Mazancourt

Muséum national d'Histoire naturelle, UMR BOREA

Angelina Bastos

Muséum national d'Histoire naturelle, CNRS, UMR CR2P

Valérie Gaudant

Société Française d'Ichtyologie

Pei-Lu (Lulu) Chin

Muséum national d'Histoire naturelle, UMR BOREA

Dr. Juliette Ravaux

Sorbonne Université, UMR BOREA

Dr. Magali Zbinden

Sorbonne Université, UMR BOREA

Dr. Paula Martin-Lefèvre

Muséum national d'Histoire naturelle, Collections

Dr. Marie-Béatrice Forel

Muséum national d'Histoire naturelle, UMR CR2P

Dr. Denis Audo

Muséum national d'Histoire naturelle, UMR CR2P

Pr. Nicolas Rabet

Sorbonne Université, UMR BOREA

Pr. Sylvain Charbonnier

Muséum national d'Histoire naturelle, UMR CR2P

Dr. Laure Corbari

Muséum national d'Histoire naturelle, UMR ISYEB



The Crustacean Society TCS Summer Meeting



Meeting Highlights

Sunday July 6th

Registration: 16:00-18:30

Point 1 on the map

Cheese & Wine: 16:30-18:30

Point 1 on the map

Monday July 7th

Registration Table: 8:40-17:30

Point 2 on the map

Welcome and Opening: 9:00-9:40

Point 2 on the map

Keynote Speaker: 9:40-10:20

(Pr. Angelika Brandt)

Point 2 on the map

Welcome Cocktail: 19:00-23:00

Porte Dorée Palace (Aquarium)

Tuesday July 8th

Registration Table: 8:40-17:00

Point 2 on the map

Keynote Speaker: 9:40-10:20

(Pr. Philippe Bouchet)

Point 2 on the map

Panoramic view of Paris skyline:

10:30-10:50, 13:30-13:50, 15:50-16:10

Point 4 on the map

Poster Session: 17:10-18:30

Point 6 on the map

Wednesday July 9th

No Registration: Free day

Collection Visit: 9:30-16:30

Point 5 & The French National Museum of Natural History

Thursday July 10th

Registration Table: 9:20-16:10

Point 2 on the map

Keynote Speaker: 9:20-10:00

(Pr. Sylvain Charbonnier)

Point 2 on the map

General Assembly & Closing Ceremony:

16:10-17:50

Point 2 on the map

Gala Dinner: 19:15-23:00

Port d'Austerlitz

Coffee Breaks:

Point 7 on the map

Monday, Tuesday	10:20-10:50 15:40-16:10
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Thursday	11:00-11:30 15:40-16:10
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Posters can be hung from Monday July 7th and must be removed Thursday July 10th after the Closing Ceremony at 18:00.

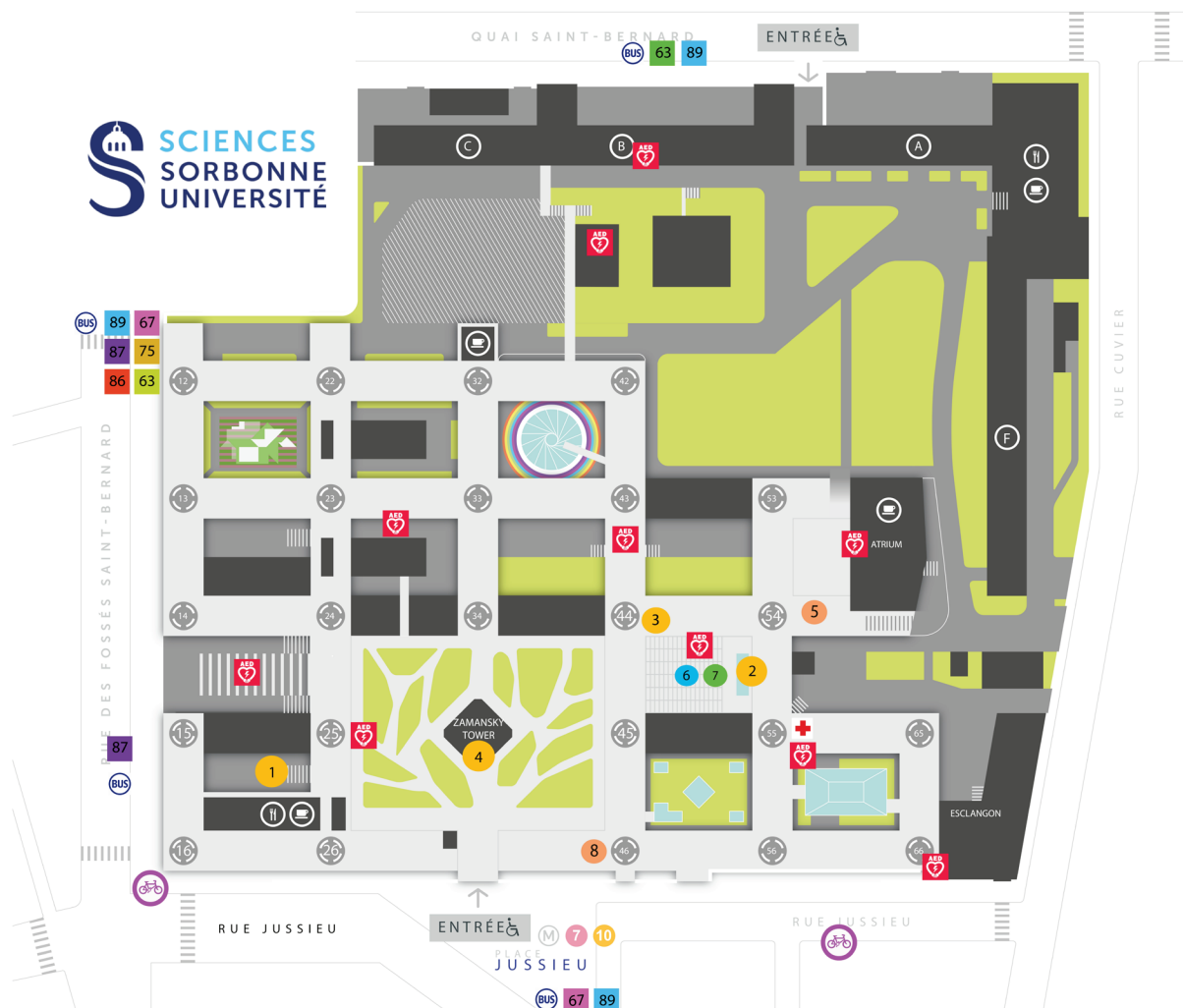
Oral presentation files must be uploaded during the break before each sub-session

The Crustacean Society TCS Summer Meeting



Map of Sorbonne University (Campus Jussieu)

4 Pl. Jussieu, 75005 Paris

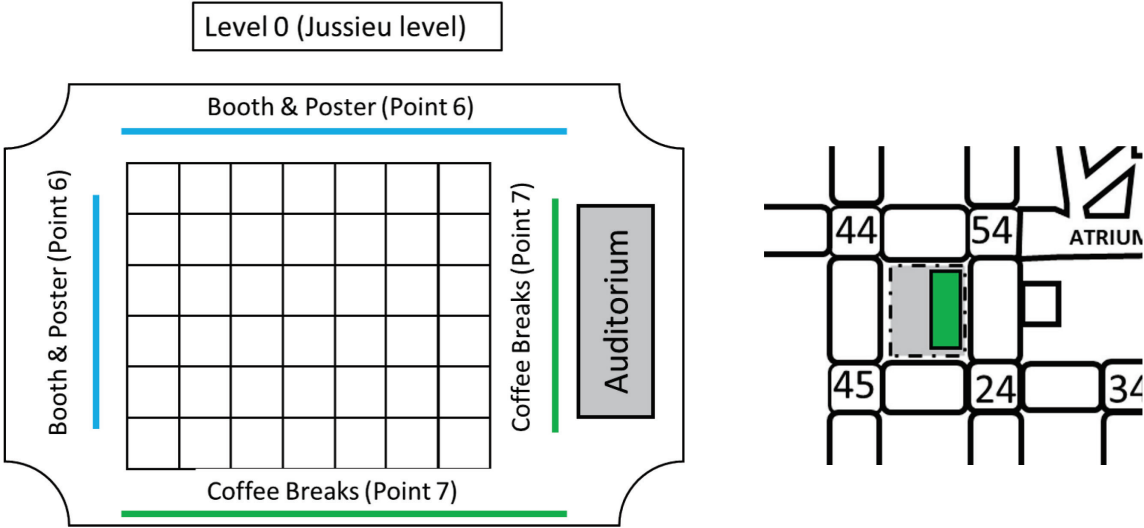


- 1 Wine & Cheese - Welcome buffet
Patio 15-25 | St-Bernard level
- 2 CICSU Auditorium
Patio 54-55 | Jussieu level
- 3 Room 106 - Room 109
Tower 44-54 | 1st floor
- 4 Panoramic view
Zamansky Tower | 24th floor
- 5 Zoology Collection
Tower 54
- 6 Poster & Booth
Tower 44 | Jussieu level
- 7 Coffee Breaks
Tower 45 | Jussieu level
- 8 Geosciences Collection
Tower 46

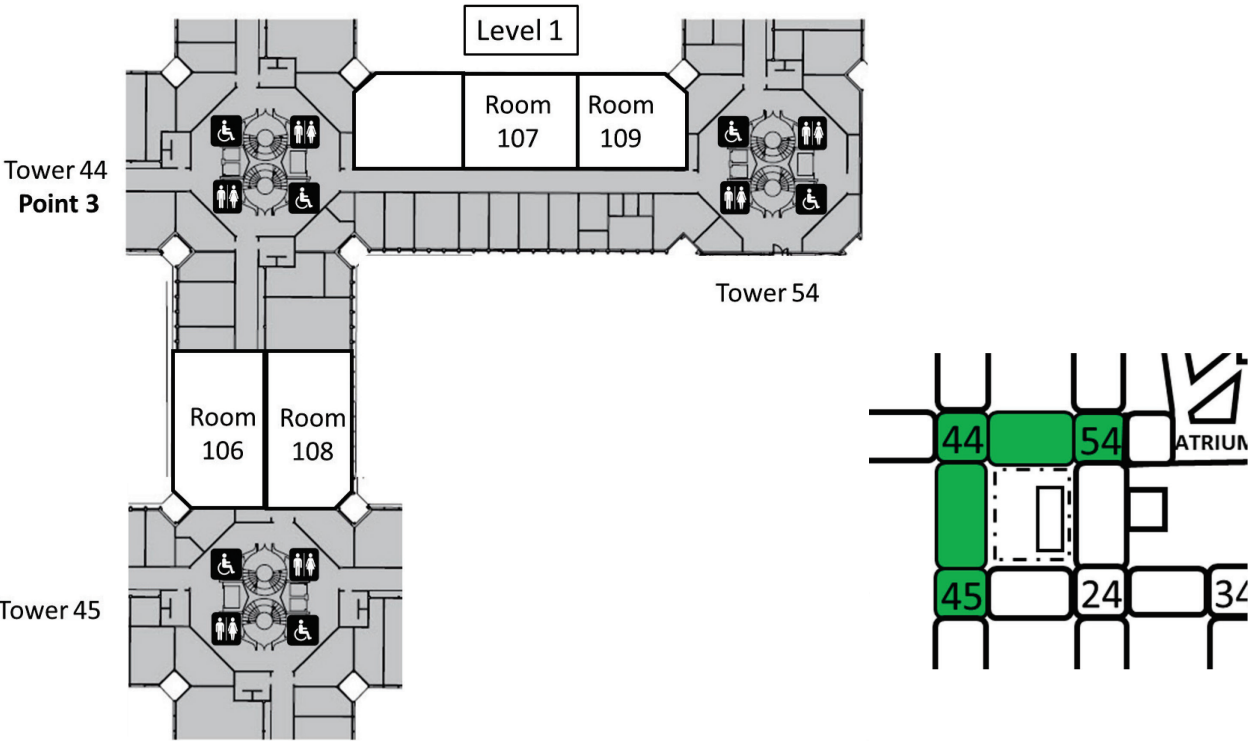
- Jussieu level
- St-Bernard level
- ✚ Infirmary
Preventive medicine service
- 🚑 AED (Automated External Defibrillator)
- 🗼 Tower
- 🍷 Snack Bar



Location Floor Map



Level 0 (Jussieu level): Point 2 (CICSU Auditorium), Point 6 (Booth & Poster), Point 7 (Coffee Breaks)



Level 1: Point 3 (Room 106 - Room 109)

Fun Visits MNHN

meeting point for
Crustacean extant collection MNHN

Jardin de Plantes - Entrance of the zoothèque



meeting point for
Crustacean palaeontological
collection MNHN

In front of
Orangerie



Time	Sun. 06/07	Monday 07/07/2025					Tuesday 08/07/2025					Wed. 09/07	Thursday 10/07/2025				
		Aud.	108	106	107	109	Aud.	108	106	107	109		Aud.	108	106	107	109
8:40		Registration (Auditorium)					Registration (Auditorium)										
9:00		Plenary / welcome speech (9:00-9:40; Auditorium)					<u>Keynote 2 (9:00-9:40; Auditorium)</u>										
9:20		<u>Keynote 1 (9:40-10:20; Auditorium)</u>					Welfare	Physio- logy 1/2	Crabs, Guinot	Evolu- tion 2/2	Caves		<u>Keynote 3 (9:20-10:00; Auditorium)</u>				
9:40													Conser- vation		Tempor- ary	Long term	Cray fish
10:00		Coffee break (10:20-10:50)					Coffee break (10:20-10:50)						Coffee break (11:00-11:30)				
10:20		Marine Biodiversity	Sensory Biology	Reproduction Development	Evolution & Fossil 1/2	Marine Chelicerates	Welfare & Nutrition	Biodiversity Freshwater	Crabs, Guinot	Functional Morphology	Caves, Deep-sea		Conser- vation	Physiology 2/2	Temporary	Long term	Cray fish
10:50													Lunch break (12:30-14:00)				
11:00		Lunch break (12:30-14:00)					Lunch break (12:30-14:00)						Conservation	Physiology 2/2	Tempo- rary	Ecology & Behavior	Crayfish
11:30		Marine Biodiversity	Sensory Biology	Reproduction Development	Evolution & Fossil 1/2	Diseases & Parasites	Welfare & Nutrition	Biodiversity Freshwater	Phylo- genomics	Plankton Benthic	Caves, Deep-sea		Coffee break (15:40-16:10)				
11:50		Coffee break (15:40-16:10)					Coffee break (15:40-16:10)						General assembly / Student awards / Closing ceremony (16:10-17:50; Auditorium)				
12:10		Marine Biodiversity	Sensory Biology	Reproduction Development	Evolution & Fossil 1/2	Diseases	Welfare	Fresh water	Phylo	Plankton Benthic	Caves		Free time				
12:30		Coffee break (15:40-16:10)					Coffee break (15:40-16:10)						Gala dinner 19:15-23:00				
14:00		Marine Biodiversity	Sensory Biology	Reproduction Development	Evolution & Fossil 1/2	Diseases	Welfare	Fresh water	Phylo	Plankton Benthic	Caves						
14:20		Coffee break (15:40-16:10)					Coffee break (15:40-16:10)										
14:40		Marine Biodiversity	Sensory Biology	Reproduction Development	Evolution & Fossil 1/2	Diseases	Welfare	Fresh water	Phylo	Plankton Benthic	Caves						
15:00		Coffee break (15:40-16:10)					Coffee break (15:40-16:10)										
15:20		Marine Biodiversity	Sensory Biology	Reproduction Development	Evolution & Fossil 1/2	Diseases	Welfare	Fresh water	Phylo	Plankton Benthic	Caves						
15:40		Coffee break (15:40-16:10)					Coffee break (15:40-16:10)										
16:10		Marine Biodiversity	Sensory Biology	Reproduction Development	Evolution & Fossil 1/2	Diseases	Welfare	Fresh water	Phylo	Plankton Benthic	Caves						
16:30	Wine & cheese	Marine Biodiversity	Sensory Biology	Reproduction Development	Evolution & Fossil 1/2	Diseases	Welfare	Fresh water	Phylo	Plankton Benthic	Caves						
16:50	16:30- 18:30	Marine Biodiversity	Sensory Biology	Reproduction Development	Evolution & Fossil 1/2	Diseases	Welfare	Fresh water	Phylo	Plankton Benthic	Caves						
17:10		Free time (17:50-19:00)					Free time										
17:30		Free time (17:50-19:00)					Free time										
18:30		Free time (17:50-19:00)					Free time										
19:00		Free time (17:50-19:00)					Free time										
19:15- 23:00		Welcome Cocktail 19:00-23:00					Free time										



Keynote Speakers

Pr. Angelika Brandt (Monday, July 7th, 9:40-10:20)

Senckenberg Research Institute and Natural History Museum

Subject: From isopods to deep-sea research - the power of systematics in marine sciences



Angelika Brandt is a leading German deep-sea biologist known for her work on Antarctic benthic biodiversity. She has led over 20 polar expeditions, including the influential ANDEEP cruises, which uncovered hundreds of new deep-sea species. Her research focuses on the systematics, biodiversity, biogeography, evolution, and ecology of deep-sea isopods, particularly those in Antarctic benthic ecosystems. She is currently a professor at Goethe University Frankfurt and head of Marine Zoology at the Senckenberg Gesellschaft für Naturforschung.

Pr. Philippe Bouchet (Tuesday, July 8th, 9:00-9:40)

Muséum national d'Histoire naturelle

Subject: Crustaceans as ambassadors of biodiversity exploration



Philippe Bouchet is a highly distinguished French zoologist and a world-renowned malacologist. He is a Professor at the Muséum National d'Histoire naturelle in Paris, where he has also served as the director of the Taxonomy-Collections unit. He is also a member of the International Commission on Zoological Nomenclature (ICZN).

With a career dedicated to the exploration and description of biodiversity, particularly marine invertebrates, he has led numerous scientific expeditions across the globe. His taxonomical work has resulted in the description of over 600 new species of molluscs, and

his research on vertical migrations of gastropod larvae between the abyss and the surface awarded him the Marine Sciences Prize of the French Academy of Sciences.

Pr. Sylvain Charbonnier (Thursday, July 10th, 9:20-10:00)

Muséum national d'Histoire naturelle

Subject: Fossil crustaceans in the UV and X-ray spotlight



Sylvain Charbonnier is a leading paleontologist at the Centre de Recherche en Paléontologie de Paris (CR2P) from the Muséum National d'Histoire naturelle. His research focuses on the systematics and evolution of crustaceans through the study of fossils and paleoecosystems, with significant contributions derived from his study of Konservat-Lagerstätten (fossil sites with exceptional preservation). He is actively involved in teaching and public outreach, as for example by participating in immersive exhibitions like "Mondes disparus" (Lost Worlds). He is also the curator of the MNHN fossil

invertebrate collections, as well as the scientific correspondent for a collection of over 100,000 nodules held at the Muséum d'Autun.

The Crustacean Society TCS Summer Meeting

Monday July 7th 2025



Meeting Program

Monday July 7 th 2025		
08:40	17:30	Registration at CICSU Auditorium (Point 2) Your identity will be confirmed and inspected at the entrance
09:00	09:40	Opening and Welcome CICSU Auditorium (Point 2)
09:40	10:20	KEYNOTE SPEAKER: Pr. Angelika Brandt <i>Senckenberg Research Institute and Natural History Museum</i> From isopods to deep-sea research - the power of systematics in marine sciences
		CICSU Auditorium (Point 2)
10:20	10:50	Coffee Break Point 7 Jussieu level

■ ORAL SESSION 1 10:50 – 12:30	MARINE BIODIVERSITY AND BIOGEOGRAPHY		CICSU Auditorium (Point 2)
	<i>Chair : Inmaculada Frutos & Tin-Yam Chan</i>		
	10:50	11:10	MB01- Who's Who? Identifying "species" for regional biodiversity (Regina Wetzer)
	11:10	11:30	MB02- Community composition of mesopelagic crustaceans (Decapoda, Euphausiacea, and Lophogastrida) from Mauritanian Upwelling and Benguela Current Upwelling System (Javier Diaz)
	11:30	11:50	MB03- Diversity and connectivity of deep-sea amphipod fauna of the Bering Sea, Aleutian Trench and its adjacent abyssal area (Anna Jażdżewska)
	11:50	12:10	MB04- Potential species diversity in some subtidal spider crabs (Superfamily Majoidea): cases of Japan and the adjacent seas (Naoya Ohtsuchi)
	12:10	12:30	MB05- The Ocean Census: How the census can support new species discoveries in crustacean - How you can shape the programme (Verity Nye)

■ ORAL SESSION 1 10:50 – 12:30	Room 108 (Point 3)		Room 106 (Point 3)
	SENSORY BIOLOGY <i>Chair : Steffen Harzsch & Kathryn Feller</i>		REPRODUCTION, DEVELOPMENT AND LIFE CYCLES <i>Chair : Joachim Haug & Jørgen Olesen</i>
10:50	11:10	SB01- Hearing and sound communication in crustaceans (Craig Radford)	PDL01- Biological insights: How can science improve the management of <i>Carcinus maenas</i>? (João N. Monteiro)
11:10	11:30	SB02- Hearing in invertebrates: visualisation of sound induced motion in the statocyst organ (Emily Leedham)	PDL02- Beyond the "norm"? - Surprising postmarsupial developmental strategies described from the North Pacific of the Isopod family Ischnomesidae Hansen, 1916 (Maria Schmerr)
11:30	11:50	SB03- The olfactory pathway in the peracarid crustacean <i>Parhyale hawaiiensis</i>: insights into olfactory system evolution in Pancrustacea (Katja Kuemmerlen and Steffen Harzsch)	PDL03- Testing models linking the effect of marine heatwaves on larval developmental time in two marine crabs (Luis Giménez)

The Crustacean Society TCS Summer Meeting

Monday July 7th 2025



11:50	12:10	SB04- Comparative study of sensory abilities in hydrothermal Alvinocarid and coastal Palaemonid shrimp (Magali Zbinden)	PDL04- Modelling the effect of thermal variability on larval development: Is the species living at its optimum? (Maria J Bruning)
12:10	12:30	SB05- Ontogenetic and ecological variations in the central nervous system anatomy of hydrothermal crustaceans: the case of the Alvinocaridid shrimps (Adrien Mathou)	PDL05- Lipidomic profiling of maternal investment and lipid dynamics during embryogenesis in the European lobster <i>Homarus gammarus</i> (Simão Maia)

ORAL SESSION 1 10:50 – 12:30		Room 107 (Point 3)	Room 109 (Point 3)
		EVOLUTION, SYSTEMATICS AND FOSSIL RECORD 1 <i>Chair : Enrique Macpherson & Denis Audo</i>	MARINE CHELICERATES <i>Chair : Romain Sabroux</i>
10:50	11:10	ESF01- Reconstruction of phylogenetic relationships among American sesarmid crabs confirms paraphyly of the genera <i>Aratus</i> H. Milne Edwards, 1853 and <i>Armases</i> Abele, 1992 (Crustacea: Decapoda: Sesarmidae) (Ia Atzimba Toledano Carrasco)	MC01- Alien among aliens: a new species of sea spider (Arthropoda: Pycnogonida) with a unique combination of cephalic appendage characters (Romain Sabroux)
11:10	11:30	ESF02- Synchrotron imaging reveals unprecedented details on a 165 Ma polychelidan lobster (Gaspard Lebeau, Denis Audo, Tin-Yam Chan)	MC02- Moulting stage determination in the Atlantic Horseshoe Crab <i>Limulus polyphemus</i> (Kenneth Kim)
11:30	11:50	ESF03- Lost and found: The journey of meromonakanthids through taxonomic history (Marta Gellert)	
11:50	12:10	ESF04- A new acanthephirid shrimp with 3D-preserved organs from La Voulte-sur-Rhône (Flavien Lagrange)	
12:10	12:30	ESF05- Multigene phylogeny of the clawed lobsters (Decapoda: Nephropidae) (Su-Ching Chang)	

12:30	14:00	Lunch Break (Lunch will not be provided)
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ORAL SESSION 2 14:00 – 15:40		MARINE BIODIVERSITY AND BIOGEOGRAPHY <i>Chair : Inmaculada Frutos & Tin-Yam Chan</i>	CICSU Auditorium (Point 2)
14:00	14:20	MB06- Vertical distribution and day-night dynamics of epi- and mesopelagic decapod crustaceans along the Mediterranean – Eastern Atlantic transition (Ricardo Santos Bethencourt)	
14:20	14:40	MB07- Progressing coastal Talitrid (Amphipoda) taxonomy: Central America, South Atlantic islands, New Zealand, Australia and Pacific North America (Lauren Hughes)	
14:40	15:00	MB08- Deciphering global biodiversity patterns in the goose-neck barnacle <i>Lepas</i> (Thoracalcareia: Lepadidae) (Benny Chan)	
15:00	15:20	MB09- Illuminating deep-sea biodiversity of the Clarion-Clipperton Zone – 27 amphipod species new to science described using integrative taxonomy and joint effort of taxonomists (Anna Jazdzewska)	
15:20	15:40	MB10- What environmental spatial scales influence euphausiids and amphipods biogeography in the Indian subantarctic and subtropical waters (Valentin Djian)	

The Crustacean Society TCS Summer Meeting

Monday July 7th 2025



ORAL SESSION 2 14:00 – 15:40		Room 108 (Point 3)	Room 106 (Point 3)
		SENSORY BIOLOGY <i>Chair : Steffen Harzsch & Kathryn Feller</i>	REPRODUCTION, DEVELOPMENT AND LIFE CYCLES <i>Chair : Joachim Haug & Jørgen Olesen</i>
14:00	14:20	SB06- Ontogeny of the sensory system of a hydrothermal shrimp using a transcriptomic approach (Yuna Boscher)	RDL06- The evolution of crustacean metamorphosis as revealed by a quantitative morphological frame (Joachim Haug)
14:20	14:40	SB07- Neuroanatomy of the zoea 1 of <i>Hemigrapsus sanguineus</i> (Brachyura): evidence for a sophisticated central nervous system and sensory organs (Steffen Harzsch)	RDL07- Insights into the morphology of the seminal receptacle of Madagascan Freshwater Crabs (Una Früchtenicht)
14:40	15:00	SB08- Neuronal circuits underlying visually guided prey and predator behaviors in crabs (Daniel Tomsic)	RDL08- Embryonic development of the Florida stone crab (<i>Menippe mercenaria</i>) (Ron Hans)
15:00	15:20	SB09- The neural adaptations of a semiterrestrial crab to its world (Julieta Sztarker)	RDL09- Conquest of the Baltic Sea by an introduced species with osmotic stress as boundary: the Asian brush-clawed crab <i>Hemigrapsus takanoi</i> as example (Gabriela Torres)
15:20	15:40	SB10- The role of vision in targeting mantis shrimp strikes (Kathryn Feller)	RDL10- Reproductive responses to thermal stress in the intertidal crab, <i>Petrolisthes cinctipes</i> and <i>P. manimaculus</i> (Brian Tsukimura)

ORAL SESSION 2 14:00 – 15:40		Room 107 (Point 3)	Room 109 (Point 3)
		EVOLUTION, SYSTEMATICS AND FOSSIL RECORD 1 <i>Chair : Enrique Macpherson & Denis Audo</i>	DISEASES AND CRUSTACEAN PARASITES (ONE-HEALTH) <i>Chair : Fabienne Audebert & Grégory Karadjian</i>
14:00	14:20	ESF06- Paraphyletic species – do they exist? (Stefan Richter)	DPH01- Exploring the diversity of crustacean parasites in the Aquitanian and the Northern pikes (Laura Jamet)
14:20	14:40	ESF07- Moulting and development in a freshwater prawn from the Late Cretaceous of Morocco (Sinéad Lynch)	DPH02- Parasites on the hunt: rare findings of <i>Cryptoniscus</i> larvae (Isopoda: Cryptoniscoidea) in plankton samples from the Ross Sea region, Antarctica (Jason Williams)
14:40	15:00	ESF08- <i>Pygocephalus cooperi</i> Huxley, 1857 revealed by X-ray micro-tomography: implications for the phylogenetic affinities of Pygocephalomorpha (Thomas Laville)	DPH03- Microsporidium <i>Hepatospora eriocheir</i> - an emerging pathogen of aquatic invader Chinese mitten crab from European waters (Magdalena Stachnik)
15:00	15:20	ESF09- The fossil record of comma shrimp (Peracarida: Cumacea): new findings and evolutionary perspectives (Javier Luque)	DPH04- Detection of the zoonotic nematode <i>Angiostrongylus cantonensis</i> in Pacific crustaceans by real-time PCR (Thomas Guilmin)
15:20	15:40	ESF10- Integrative taxonomy and biogeography of the genus <i>Acanthocope</i> Beddard, 1885 with the description of a new species (Zhehao Hu)	DPH05- Parasitic barnacles (Rhizocephala) – challenging the classic view of parasitic castration (Henrik Glenner)

The Crustacean Society TCS Summer Meeting

Monday July 7th 2025



15:40	16:10	Coffee Break Point 7 Jussieu level
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ORAL SESSION 3 16:10 – 17:50		MARINE BIODIVERSITY AND BIOGEOGRAPHY	CICSU Auditorium (Point 2)
Chair : Inmaculada Frutos & Tin-Yam Chan			
16:10	16:30	MB11- Deep-sea isopod diversity in New Caledonian waters (SW Pacific) (Inmaculada Frutos)	
16:30	16:50	MB12- Cenozoic history of the tropical marine biodiversity hotspot (Moriaki Yasuhara)	
16:50	17:10	MB13- Hidden Cities: Exploring crustacean communities in kelp holdfasts of the Great African Seafloor (Nasreen Peer)	
17:10	17:30	MB14- Peracarida under the scope: scientific communication training at the Workshop Confusing Crustaceans: Peracarida systematics, collection and preservation, STRI Bocas del Toro, Panama August 2024 (Sofía Calderón López, Dean Pentcheff)	
17:30	17:50	MB15- Global phylogeography of the intertidal limestone bioeroding barnacle <i>Lithotrya</i> (Pollicipedomorpha: Lithotryidae) revealed cryptic diversity across the Indo-West Pacific (Adnan Shahdadi)	

ORAL SESSION 3 16:10 – 17:50		Room 108 (Point 3)	Room 106 (Point 3)
		SENSORY BIOLOGY Chair : Steffen Harzsch & Kathryn Feller	REPRODUCTION, DEVELOPMENT AND LIFE CYCLES Chair : Joachim Haug & Jørgen Olesen
16:10	16:30	SB11- The visual ecology of two tidal creek crabs, <i>Petrolisthes armatus</i> and <i>Panopeus herbstii</i> (Madison Janakis)	RDL11- Enigmatic marine planktonic “γ-larvae” (Facetotecta): Incomplete lifecycle but extraordinary taxonomic diversity, illustrated with videos of many forms from Okinawa (Japan) (Jørgen Olesen)
16:30	16:50	SB12- Eye size variation predicts bioluminescent signaling as an ecological function of vision among mesopelagic shrimps (Lorian Schweikert)	RDL12- Understanding the biology of the mosaic reef crab, <i>Lophozozymus pictor</i> (Fabricius, 1798), in Singapore (Bee Yan Lee)
16:50	17:10	SB13- Glowing in the depths: Unraveling the bioluminescent origins of deep-sea shrimps (Dendrobranchiata, Caridea) (Stormie Collins)	
17:10	17:30	SB14- Rhythms of love: How sensory cues and multiple clocks shape the courtship timing of bioluminescent ostracods (Luxorina) (Todd Oakley)	
17:30	17:50	SB15- Task-dependent channels of vision in crustaceans (Martin How)	

The Crustacean Society TCS Summer Meeting

Monday July 7th 2025



		Room 107 (Point 3)	Room 109 (Point 3)
ORAL SESSION 3 16:10 – 17:50		EVOLUTION, SYSTEMATICS AND FOSSIL RECORD 1 <i>Chair : Enrique Macpherson & Denis Audo</i>	DISEASES AND CRUSTACEAN PARASITES (ONE-HEALTH) <i>Chair : Fabienne Audebert & Grégory Karadjian</i>
16:10	16:30	ESF11- A new approach for a leafy Palaemonidae supertree (Sancia Van Der Meij)	DPH06- The Rhizocephala collection of the MNHN: diversity, phylogeny, and historical exploration (Fabienne Audebert)
16:30	16:50	ESF12- Analysing evolutionary changes in the morphology of tadpole shrimps using quantitative measurements and shape analysis – a case of evolutionary stasis? (Elham Mahdipour)	DPH07- A world of hurt: co-occurrence of internal and external Epicaridean parasites at high frequencies in a population of Indonesian mud shrimp (Upogebiidae) (Christopher Boyko)
16:50	17:10	ESF13- A new <i>Niphargus</i> species from France yields novel insights into the origin and phylogeny of Niphargidae (Crustacea: Amphipoda) (Jean-François Flot)	
19:00	23:00	Welcome cocktail Porte Dorée Palace (Aquarium)	

The Crustacean Society TCS Summer Meeting

Tuesday July 8th 2025



Tuesday July 8 th 2025		
08:40	17:00	Registration at CICSU Auditorium (Point 2) Your identity will be confirmed and inspected at the entrance
09:00	09:40	KEYNOTE SPEAKER: Pr. Philippe Bouchet <i>Muséum national d'Histoire naturelle</i> Crustaceans as ambassadors of biodiversity exploration CICSU Auditorium (Point 2)
10:30	16:10	Panoramic view of Paris skyline – Upon Registration (10:30-10:50, 13:30-13:50, 15:50-16:10) Zamansky Tower (Point 4)
■ ORAL SESSION 4 09:40 – 10:20	WELFARE AND NUTRITION IN CRUSTACEANS <i>Chair : Tomer Ventura, Jehan H. Lignot, Amaya Albalat, Guiomar Rotllant</i> CICSU Auditorium (Point 2)	
09:40	10:00	WN01- Plenary talk 1: Crustacean welfare: state-of-art (Guiomar Rotllant)
10:00	10:20	WN02- The complexity of the central nervous system of the Norway lobster <i>Nephrops norvegicus</i> and its implications for sentience (Guiomar Rotllant)
■ ORAL SESSION 4 09:40 – 10:20	Room 108 (Point 3) Room 106 (POINT 3)	
	PHYSIOLOGY, ECOTOXICOLOGY AND ECOPHYSIOLOGY 1 <i>Chair : Juliette Ravaux & Chi-Ying Lee</i>	CRABS, IN HONOR OF DANIELE GUINOT <i>Chair : Marcos Tavares & Paul Clark</i>
	09:40 10:00 PE01- Effects of a PFAS on green crab physiology (Jehan-Hervé Lignot)	DG01- Introduction: Crabs, in honor of Danièle Guinot
10:00	10:20	PE02- Impacts of increasing temperatures on key physiological functions of the Mediterranean spider crab <i>Maja squinado</i> (Herbst, 1788) (Jehan-Hervé Lignot)
		DG02- Problems with using mandibular palp morphology to distinguish between Afrotropical freshwater crabs assigned to the Deckeniidae and Potamonautidae (Crustacea: Decapoda: Brachyura) (Neil Cumberlidge)
■ ORAL SESSION 4 09:40 – 10:20	Room 107 (Point 3) Room 109 (Point 3)	
	EVOLUTION, SYSTEMATICS AND FOSSIL RECORD 2 <i>Chair : Enrique Macpherson & Denis Audo</i>	CAVES, DEEP-SEA, AUSTRAL/BOREAL <i>Chair : Magali Zbinden & Pierre Methou</i>
09:40	10:00	ESF14- The cretaceous crab revolution: exceptional preservation of tropical faunas and the emergence of novel forms (Javier Luque)
10:00	10:20	ESF15- Deep Pacific relations: Taxonomic challenges of the isopod genus <i>Nannoniscus</i> G.O. Sars, 1870 - a family fiasco? (Dennis Klüh)
		CD01- Hidden behind the scene – high diversity, low connectivity of deep-sea Amphipoda in the polymetallic nodule fields in the Northeast Pacific (Anna Jażdżewska)
		CD02- Groundwater fauna from Eastern Iberian peninsula caves (Ferran Palero)
10:20	10:50	Coffee Break Point 7 Jussieu level

The Crustacean Society TCS Summer Meeting

Tuesday July 8th 2025



ORAL SESSION 5 10:50 – 12:30		WELFARE AND NUTRITION IN CRUSTACEANS	CICSU Auditorium (Point 2)
Chair : Tomer Ventura, Jehan H. Lignot, Amaya Albalat, Guiomar Rotllant			
10:50	11:10	WN03- Addressing key welfare issues using chemosensory and neuroendocrinology research in decapods (Tomer Ventura)	
11:10	11:30	WN04- Exploring innovative solutions for animal-friendly spawning technology in black tiger prawn aquaculture (Gourab Chowdhury)	
11:30	11:50	WN05- Optimisation of stunning protocols of Pacific whiteleg shrimp, <i>Penaeus vannamei</i> , during commercial harvesting (Jasmine Somerville)	
11:50	12:10	WN06- What do we understand as an anaesthetic in Decapoda? Lessons from <i>Penaeus vannamei</i> (Rodrigo Lorenzo)	
12:10	12:30	WN07- Assessment of insensibility following different stunning methods in the Pacific whiteleg shrimp (<i>Penaeus vannamei</i>) (Amaya Albalat)	

ORAL SESSION 5 10:50 – 12:30		Room 108 (Point 3)	Room 106 (Point 3)
		BIODIVERSITY OF FRESHWATER CRUSTACEANS Chair : Valentin de Mazancourt & Darren C. Yeo	CRABS, IN HONOR OF DANIÈLE GUINOT Chair : Marcos Tavares & Paul Clark
10:50	11:10	BF01- Biodiversity of subterranean crustaceans in Korea: focused on the genus <i>Pseudocrangonyx</i> (Chi-Woo Lee)	DG03- Temporal shifts in key mangrove crab species linked to biotic and abiotic factors at a latitudinal range limit (Chaitanya Katharoyan)
11:10	11:30	BF02- Assessing the vulnerability of freshwater shrimp: thermal limits and behavioral responses to environmental factors (Juliette Ravaux)	DG04- Freshwater crab mandible morphology: a review of terminology and systematic importance (Crustacea: Decapoda: Brachyura) (Paul F. Clark)
11:30	11:50	BF03- The enigmatic cave amphipod genus (<i>Sternophysinx</i> : Sternophysingidae): conservation and systematics (Musa Mlambo)	DG05- Revision of the Atlantic spider crabs species in the genus <i>Rochinia</i> sensu lato (Decapoda: Brachyura: Epialtidae) (Bee Yan Lee)
11:50	12:10	BF04- In with the old, in with the new: re/discovery of potamid freshwater crabs in Vietnam, with implications for the conservation of karst systems (Zhi Wan Tan)	DG06- Studies of the female reproductive characters of freshwater crabs and comparisons with those of marine heterotreme and thoracotreme brachyurans (Neil Cumberlidge)
12:10	12:30	BF05- Morphometric evidence for habitat-driven convergent evolution in a southern African freshwater crab clade (Decapoda: Potamonautidae: Potamonautes) (Savel Daniels)	DG07- New insights on the Xanthidae in East African coastal waters (Amelie Mann)

The Crustacean Society TCS Summer Meeting

Tuesday July 8th 2025



		Room 107 (Point 3)	Room 109 (Point 3)
■ ORAL SESSION 5 10:50 – 12:30		FUNCTIONAL MORPHOLOGY <i>Chair : Antonio Baeza & Carolin Haug</i>	CAVES, DEEP-SEA, AUSTRAL/BOREAL <i>Chair : Magali Zbinden & Pierre Methou</i>
10:50	11:10	FM01- Convergent evolution of grasping structures in different crustaceans independent of terrestrial and aquatic lifestyle (Carolin Haug)	CD03- Antarctic Cumaceans (Sarah Gerken)
11:10	11:30	FM02- Comparative functional morphology of the cave-adapted Spelaeogriphacea (Malacostraca: Peracarida), based on unique in-situ video-recordings of walking, swimming, and escape jump (Jørgen Olesen)	CD04- Across trenches, plains and ridges – Distribution and differentiation patterns of deep-sea isopods in the North Pacific Ocean (Henry Knauber)
11:30	11:50	FM03- The evolution of amphipod silk-spinning and venom systems (Siena Mckim)	CD05- Going the distance, avoiding the very deep: Population structure study reveals genetic connectivity across the North Pacific and segregation by depth for benthic deep-sea neotanaids (Peracarida) (Emma Palacios Theil)
11:50	12:10	FM04- Pumping, pipes, precision – New insights into the function and morphology of male crab copulation organs (Svetlana Grützke)	CD06- From the surface to the underground - independent colonization and differentiation in Tasmanian Mountain Shrimps (Anaspides, Malacostraca, Crustacea) revealed by population genetics (Christoph Hoepel)
12:10	12:30		CD07- A new Tasmanian cave genus of freshwater isopods (Phreatoicidea) (Christopher Schreier)

12:30	14:00	Lunch Break (Lunch will not be provided)
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■ ORAL SESSION 6 14:00 – 15:40		WELFARE AND NUTRITION IN CRUSTACEANS <i>Chair : Tomer Ventura, Jehan H. Lignot, Amaya Albalat, Guiomar Rotllant</i>	CICSU Auditorium (Point 2)
14:00	14:20	WN08- Electrical stunning vs. Cold/slurry ice bath: What are the effects on the central nervous system and heart of the lobster <i>Homarus americanus</i>? (Rodrigo Lorenzo)	
14:20	14:40	WN09- The dopaminergic gene RASD2 as a potential indicator of pain in lobsters (Sandra López-Chillarón)	
14:40	15:00	WN10- Plenary talk 2: Meat quality and welfare in commercially important decapod species (Amaya Albalat)	
15:00	15:20	WN11- Investigating non-lethal tissue sources for the development of cultivated crustacean meat (Lisa Musgrove)	
15:20	15:40	WN12- Meta-analysis of nutritional research methods and protocols in scientific literature on <i>Penaeus vannamei</i> (Guillaume Le Reste)	

The Crustacean Society TCS Summer Meeting

Tuesday July 8th 2025



		Room 108 (Point 3)	Room 106 (Point 3)
■ ORAL SESSION 6 14:00 – 15:40		BIODIVERSITY OF FRESHWATER CRUSTACEANS <i>Chair : Valentin de Mazancourt & Darren C. Yeo</i>	PHYLOGENOMICS <i>Chair : Paula Rodríguez-Flores & Martin Schwentner</i>
14:00	14:20	BF06- Taxonomy and phylogeography of the gecarcinucid freshwater crabs of Sulawesi, Indonesia – new insights from type sequencing and extended sampling (Thomas Von Rintelen)	PG01- Transcriptome-based Phylogenomics of Peracarida (Anna-Chiara Barta)
14:20	14:40	BF07- Biogeography of tropical Asian freshwater crabs: an overview (Darren Chong Jinn Yeo)	PG02- Finding the balance – a new “total evidence” analysis of malacostracan phylogeny, combining extant and fossil morphology with transcriptomic data (Markus Grams)
14:40	15:00	BF08- A global outlook on population genetics of freshwater decapod crustaceans (Bryan Soh)	PG03- Phylogeography, population genomics and post-glacial history of freshwater <i>Mysis</i> species in Fennoscandia (Elena Kochanova)
15:00	15:20	BF09- Description of the molecular and functional diversity of Gammaridae in the French Pyrenean piedmont (Maxime Stanislawek)	PG04- Multigene molecular phylogenetics of Anthuroidea (Isopoda) with the proposal of new family-level classification system (Shoki Shiraki)
15:20	15:40	BF10- Quo vadis, <i>Caridina</i>? New integrative approaches reveal deeper insights into the taxonomy and evolution of atyid freshwater shrimp (Kristina Von Rintelen)	PG05- Mitogenomic phylogeny and evolution of Bathynellacea (Crustacea, Syncarida) from groundwater habitats (Su-Jung Ji)

		Room 107 (Point 3)	Room 109 (Point 3)
■ ORAL SESSION 6 14:00 – 15:40		PLANKTONIC AND BENTHIC MICROCRUSTACEANS <i>Chair : Marie-Béatrice Forel & Vincent Perrier</i>	CAVES, DEEP-SEA, AUSTRAL/BOREAL <i>Chair : Magali Zbinden & Pierre Methou</i>
14:00	14:20	PM01- The origin of planktonic crustaceans (Vincent Perrier)	CD08- Connecting the trenches: A molecular and morphometric investigation of cryptic diversity in the <i>Macrostylis curticornis</i> Birstein, 1963 species complex from Izu-Ogasawara to the Aleutians (Anchita Casaubon)
14:20	14:40	PM02- The Bermudas Triangle of ostracodology: a dive into the problematic classification of Bairdiidae (Marie-Béatrice Forel)	CD09- Diversity and distribution of Pseudotanaidae in the Pacific Ocean (Aleksandra Jakiel)
14:40	15:00	PM03- Sexual dimorphism in Euphilomedes ostracods (Ajna Rivera)	CD10- Phylogeny and troglobization in <i>Armadillo</i> isopods: Insights from molecular and morphometric analyses (Idan Sheizaf)
15:00	15:20	PM04- High-resolution micro-CT imaging of intraspecific variation in <i>Euphilomedes carcharodonta</i> ostracods (Saihaj Sraon)	CD11- Swim for adaptation: integrative analyses for speciation of deep-sea munnopsid isopods from the Japan Trench (Mizuki Ohta)
15:20	15:40	PM05- Diverging together: Habitat use and isotopic niches of coexisting <i>Calanus</i> species in a warming Arctic (Marta Gluchowska)	CD12- Hidden diversity: Isopod communities of the deep Arctic Ocean (Katharina Kohlenbach)

The Crustacean Society
TCS Summer Meeting

Tuesday July 8th 2025



15:40	16:10	Coffee Break Point 7 Jussieu level
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 ORAL SESSION 7 16:10 – 17:10		WELFARE AND NUTRITION IN CRUSTACEANS		CICSU Auditorium (Point 2)	
<i>Chair : Tomer Ventura, Jehan H. Lignot, Amaya Albalat, Guiomar Rotllant</i>					
16:10	16:30	WN13- Growth and feeding behaviours of farmed <i>L. vannamei</i> shrimps in commercial conditions (Lola Reverchon-Billot)			
16:30	16:50	WN14- Social and individual behavior of <i>Penaeus vannamei</i> : a comparative study under fasting and feeding conditions (Eva Rondeau, Guillaume Le Reste)			
16:50	17:10	WN15- Producing shrimp in certified farms: Does it improve their welfare? (Urja Thakrar)			

ORAL SESSION 7 16:10 – 17:10		Room 108 (Point 3)	Room 106 (Point 3)
		BIODIVERSITY OF FRESHWATER CRUSTACEANS <i>Chair : Valentin de Mazancourt & Darren C. Yeo</i>	PHYLOGENOMICS <i>Chair : Paula Rodríguez-Flores & Martin Schwentner</i>
16:10	16:30	BF11- Searching for the lost: environmental DNA survey of freshwater decapods in Réunion Island (Valentin de Mazancourt)	PG06- Streamlining transcriptomics in crustaceans: From transcriptomes to trees (Avani Bhojwani)
16:30	16:50	BF12- Unravelling the morphology and genetics of the South American freshwater anomuran <i>Aegla perobae</i>, with focus on the relationships and connectivity among different streams (Lucas Oliveira-Rogeri)	PG07- The first chromosomally assembled isopod genomes from the Tree of Life Project (Jessica Thomas Thorpe)
16:50	17:10	BF13- Biogeography and phylogenetic relationships of <i>Caridina fernandoi</i> in India and Sri Lanka, with the discovery of novel Western Ghats endemics (K. Kunjulakshmi)	

ORAL SESSION 7 16:10 – 17:10		Room 107 (Point 3)	Room 109 (Point 3)
		PLANKTONIC AND BENTHIC MICROCRUSTACEANS <i>Chair : Marie-Béatrice Forel & Vincent Perrier</i>	CAVES, DEEP-SEA, AUSTRAL/BOREAL <i>Chair : Magali Zbinden & Pierre Methou</i>
16:10	16:30	PM06- Redescription of <i>Enhydrosoma sarsi</i> (Scott T., 1905) (Copepoda, Harpacticoida, Cletodidae Scott T., 1904) as another step towards a much-needed revision of its genus (Mike Kunze)	CD13- Three cases revealing remarkable genetic similarity between vent-endemic <i>Rimicaris</i> (Caridea: Alvinocarididae) shrimps across distant geographic regions (Soo-Yeon Cho)
16:30	16:50	PM07- Lessepsian migration of Ostracod species along the Israeli Mediterranean shelf (Lalita Weerachai)	CD14- Phylogeography and systematics of the Mesosignidae Schultz, 1969: Survey of isopod diversity in North Pacific trenches (Andreas Kelch)
16:50	17:10	PM08- Palaeocopida, emblematic and enigmatic microcrustaceans of the Paleozoic (Elvis Guillam)	

The Crustacean Society TCS Summer Meeting



Tuesday July 8th 2025

17:10	18:30	Poster Session Point 6 Jussieu level
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Wednesday July 9th 2025

No Registration

Collection Visits (Zoology Collection/Geosciences Collection) – Upon Registration

Sorbonne University – point 5

Collection Visits (Extant Crustacean Collection/Palaeontological Collection) – Upon Registration

The French National Museum of Natural History (MNHN) Collections

The Crustacean Society TCS Summer Meeting

Thursday July 10th 2025



Thursday July 10 th 2025			
09:20	10:00	KEYNOTE SPEAKER: Pr. Sylvain Charbonnier <i>Muséum national d'Histoire naturelle</i> Fossil crustaceans in the UV and X-ray spotlight	CICSU Auditorium (Point 2)
ORAL SESSION 8 10:00 – 11:00		CONSERVATION/ENVIRONNEMENTAL PROTECTION/INVASIVE SPECIES <i>Chair : Moriaki Yasuhara & Bella Galil</i>	CICSU Auditorium (Point 2)
10:00	10:20	CEPI01- Nis in the central Mediterranean: The suspension-feeding rich Peracarida communities in Italian ports (Caterina Martino)	
10:20	10:40	CEPI02- Habitat use and spatial distribution of blue crab (<i>Callinectes sapidus</i>, Rathbun 1896) in the Ebre Delta estuary (Xènia Puigcerver-Segarra)	
10:40	11:00	CEPI03- Changes in a Caribbean seagrass-associated decapod assemblage on a reef lagoon after 25 years of gradual eutrophication and degradation (Patricia Briones-Fourzán)	
ORAL SESSION 8 10:00 – 11:00		TEMPORARY AND HYPERSALINE HABITATS <i>Chair : Nicolas Rabet & Elizabeth (Betsie) Meyer-Milne</i>	Room 106 (Point 3)
10:00	10:20	THH01- Current conservation status of Anostraca (Crustacea: Branchiopoda) in South Africa (Elizabeth (Betsie) Meyer-Milne)	
10:20	10:40	THH02- Population genomics of <i>Triops cancriformis</i> in the Pannonian Region and beyond (Matthäus Greilhuber)	
10:40	11:00	THH03- Taxonomic status of <i>Neodiaphanosoma</i> (Branchiopoda, Cladocera) from New Caledonia (Angel Arnold)	
ORAL SESSION 8 10:00 – 11:00		Room 107 (Point 3) LONG-TERM INTERACTIONS AND SYMBIOSIS <i>Chair : Magali Zbinden & Fabienne Audebert</i>	Room 109 (Point 3) CRAYFISH <i>Chair : Tadashi Kawai & Denis Audo</i>
10:00	10:20	LIS01- Bacterial endosymbionts and the evolution of sex determination in terrestrial isopods (Richard Cordaux)	C01- Understanding the adaptations of threatened sand yabbies to extreme acidity (Grace Smith)
10:20	10:40	LIS02- Discovering hidden diversity and facultative vs. obligate associations of squat lobsters (Anomura: Chirostyloidea) with deep-sea corals in the Atlantic (Paula Rodriguez Flores)	C02- Claw matters? Influence of claw loss in male mating preferences and fecundity levels of signal crayfish <i>Pacifastacus leniusculus</i> (Dana, 1852) (Augusto Huber)
10:40	11:00	LIS03- How to live with fire? Speciation and host usage of the fire coral-associated barnacle <i>Wanella milleporae</i> in the Indo-Pacific reveal a pattern of co-evolution (Yu-Hsuan Huang)	C03- Burrowing through time: Testing the hypothesis of burrowing as a driver of evolutionary success (Zackary Graham)
11:00	11:30	Coffee Break Point 7 Jussieu level	

The Crustacean Society TCS Summer Meeting

Thursday July 10th 2025



ORAL SESSION 9 11:30 – 12:30		CONSERVATION/ENVIRONNEMENTAL PROTECTION/INVASIVE SPECIES	CICSU Auditorium (Point 2)
Chair : Moriaki Yasuhara & Bella Galil			
11:30	11:50	CEPI04- Biological invasion of the non-indigenous Atlantic blue crab <i>Callinectes sapidus</i> and its symbionts in Moroccan coastal environments (Amal Lamkhalkhal)	
11:50	12:10	CEPI05- Microplastics intake in intertidal organisms: does feeding modes matters? (Hoda Kimiyae, Benny K. Chan)	
12:10	12:30	CEPI06- Revisiting <i>Caridina africana</i> (Decapoda: Atyidae) population structure from a subtropical freshwater lake of Southern Africa: 45 years and counting (Samuel Motitsoe)	

ORAL SESSION 9 11:30 – 12:30		Room 108 (Point 3)	Room 106 (Point 3)
		PHYSIOLOGY, ECOTOXICOLOGY AND ECOPHYSIOLOGY 2 Chair : Juliette Ravaux & Chi-Ying Lee	TEMPORARY AND HYPERSALINE HABITATS Chair : Nicolas Rabet & Elizabeth (Betsie) Meyer-Milne
11:30	11:50	PE03- Performance of invasive and ancestral populations of the European green crab <i>Carcinus maenas</i> in response to global warming and anthropogenic pollution (Jehan-Hervé Lignot)	THH04- Phylogenetic analysis of Anostraca reveals the non-monophyly of Thamnocephalidae (Nicolas Rabet)
11:50	12:10	PE04- Adaptation of anaerobic and aerobic metabolism in the shallow-water sulfide-rich and hypoxia hydrothermal vent crab, <i>Xenograpsus testudinatus</i> (Chi Chen)	THH05- Fairyscape project: Preventing extinction in high-latitude fairy shrimps (Lucia Sainz Escudero)
12:10	12:30	PE05- Sex-dependent manipulation of the host <i>Metopograpsus thukuhar</i> by the parasitic barnacle <i>Polyascus planus</i> (Hsiang-Yin Chen)	THH06- <i>Lepidurus apus</i> (L., 1758): A population genetic analysis through space and time (Augustina Löwenstein)

ORAL SESSION 9 11:30 – 12:30		Room 107 (Point 3)	Room 109 (Point 3)
		LONG-TERM INTERACTIONS AND SYMBIOSIS Chair : Magali Zbinden & Fabienne Audebert	CRAYFISH Chair : Tadashi Kawai & Denis Audo
11:30	11:50	LIS04- One symbiont to bring them all and in the gut bind them: The Crustacean – Hepatoplasmatidae symbioses (Pierre Methou)	C04- Challenges and insights of studying the fossil record of crayfishes (Denis Audo)
11:50	12:10	LIS05- Gill microbiomes in mangrove crabs: Insights into habitat adaptation (Ka Wing Karen Wong)	C05- Updated distribution of the crayfish plague pathogen <i>Aphanomyces astaci</i> Schikora, 1906 in Croatia: Insights from crayfish collections (Tin Škugor)
12:10	12:30	LIS06- Comparative mitogenomics reveals ongoing speciation in Caribbean coral-gall crabs (Tao Xu)	C06- Investigating depressive-like states in crayfish (<i>Procambarus alleni</i>) through unpredictable chronic mild stress (Roman Coupeau)

The Crustacean Society TCS Summer Meeting

Thursday July 10th 2025



12:30	14:00	Lunch Break (Lunch will not be provided)
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■ ORAL SESSION 10 14:00 – 15:40		CONSERVATION/ENVIRONNEMENTAL PROTECTION/INVASIVE SPECIES	CICSU Auditorium (Point 2)
Chair : Moriaki Yasuhara & Bella Galil			
14:00	14:20	CEPI07- Three's a crowd: Erythraean host, parasite and predator in the Eastern Mediterranean (Bella Galil)	
14:20	14:40	CEPI08- The impacts of Electromagnetic Fields (EMFs) from subsea power cables on crustaceans (Kevin Scott)	
14:40	15:00	CEPI09- Red Listing of Crustacea - experiences from global and national Red List activities (Anne Helene Tandberg)	
15:00	15:20	CEPI10- Furthest inland record of the invasive Atlantic blue crab (<i>Callinectes sapidus</i>) in African estuarine ecosystems (Ahmed Benarejda)	
15:20	15:40	CEPI11- Heavy metal accumulation and health risk assessment in the invasive blue crab (<i>Callinectes sapidus</i>) from Marchica Lagoon, Morocco (Imane Sakyat)	

■ ORAL SESSION 10 14:00 – 15:40		Room 108 (Point 3)	Room 106 (Point 3)
		PHYSIOLOGY, ECOTOXICOLOGY AND ECOPHYSIOLOGY 2 Chair : Juliette Ravaux & Chi-Ying Lee	TEMPORARY AND HYPERSALINE HABITATS Chair : Nicolas Rabet & Elizabeth (Betsie) Meyer-Milne
14:00	14:20	PE06- Influence of the <i>Sacculina</i> parasite on the circulating proteome and neuropeptidome of the green crab <i>Carcinus maenas</i> (Fabienne Audebert, Céline Zatylny-Gaudin)	THH07- A probable introduction of <i>Eulimnadia</i> in France: Taxonomic and genetic insights into the <i>texana</i> clade (Nicolas Rabet)
14:20	14:40	PE07- Physiological responses of the cyclopoid copepod <i>Apocyclops royi</i> (Lindberg, 1940) to osmoregulatory challenges under acute salinity stress (Peeranan Chaichana)	THH08- Testing the success of palaeontological methods in the delimitation of clam shrimp (Crustacea, Branchiopoda) on extant <i>Ozestheria</i> species (Manja Hethke)
14:40	15:00	PE08- Identification of new antimicrobial candidates in <i>Armadillidium vulgare</i> using PepTraq and bacterial challenge (Céline Zatylny-Gaudin)	
15:00	15:20	PE09- Hues of blues: Using comparative genomics and machine learning to uncover the evolutionary ecology of color vision in krill (Andreas Wallberg)	
15:20	15:40	PE10- Molecular innovations in Pancrustacean muscle: The role of flightin in Arthropod locomotor evolution (Jim Vigoreaux)	

The Crustacean Society TCS Summer Meeting

Thursday July 10th 2025



		Room 107 (Point 3)	Room 109 (Point 3)
ORAL SESSION 10 14:00 – 15:40		ECOLOGY AND BEHAVIOR OF THE FOSSIL TO THE PRESENT/FOOD WEBS <i>Chair : Marie-Béatrice Forel & Christophe Piscart</i>	CRAYFISH <i>Chair : Tadashi Kawai & Denis Audo</i>
14:00	14:20	EBF01- Placing coral-dwelling crabs in the food web using a stable isotope approach (Jorn Claassen)	C07- Molting behavior, gastrolith, and mandible of <i>Enoplozetopus debelius</i> (Decapoda: Astacidea) in an evolutionary context (Tadashi Kawai)
14:20	14:40	EBF02- Navigating the flow: sensory ecology and decision-making in upstream migration of parading shrimps (<i>Macrobrachium dienbienphuense</i>) with conservation insights (Watcharapong Hongjamrassilp)	C08- Influence of herbicides used in rice farms on replication of white spot syndrome virus and mortality in co-cultured crayfish (Justin Anderson)
14:40	15:00	EBF03- Dietary partitioning among sesarmid crabs along mangrove estuaries in Hong Kong (Hoi Ching Leung)	
15:00	15:20	EBF04- Bathyal feeding of amphipods and isopods (Crustacea: Peracarida) in the southern Bay of Biscay (NE Atlantic) (Inmaculada Frutos)	
15:40	16:10	Coffee Break Point 7 Jussieu level	
16:10	17:50	General Assembly & Students Awards & Closing Ceremony CICSU Auditorium (Point 2)	
19:15	23:00	Gala Dinner – Upon Registration Port d'Austerlitz	



Poster Session July 8th 2025

Tuesday Poster Session

Point 4, Jussieu level, 17:10-18:30

- P01 **Oceanic Fronts as Allopatric Agents: The Case of Chthamalids**
Yair Achituv, Noa Simon-Blecher, J. Quad, Jigneshkumar Trivedi, Omri Bronstein, Uzi Motro
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P02 **Oxygen Consumption Rates in *Cyprideis Torosa* (Jones, 1850) (Ostracoda: Cytherideidae)**
Ximena Aurora Altonar-Gómez, Lara Quijada Cantalapiedra, Alexandre Mestre, Raquel Ortells, Francesc Mesquita-Joanes, Ferran Palero
PHYSIOLOGY, ECOTOXICOLOGY AND ECOPHYSIOLOGY
- P03 **Investigating the Freshwater Carcinofauna in the Southern Neotropics: First Record and New Aeglid Species in the Vicinity of the Iguaçu National Park**
Tiago Arantes, Lucas Oliveira-Rogeri, Gabriel L. Bochini, Priscila Frazato, Lenice Souza-Shibatta, Gustavo Teixeira, Fernando Mantelatto
BIODIVERSITY OF FRESHWATER CRUSTACEANS
- P04 **Mediterranean Biodiversity Assessment Through the Italian Amphipod Fauna**
Antonina Badalucco, Rocco Auriemma, Andrea Bonifazi, Loretta Lattanzi, Marco Lezzi, Monica Lionello, Emanuele Mancini, Veronica Marusso
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P05 **Insights Into the Evolution and Biogeography of Neotropical Freshwater Crabs: Trichodactylidae (Decapoda: Brachyura) As a Target Group**
Felipe Balbino, Ingo Wehrmann, Célio Magalhães, Fernando Mantelatto
BIODIVERSITY OF FRESHWATER CRUSTACEANS
- P06 **Effects of Climate Change on Moroccan *Gammarus* Species (Crustacea: Gammaridae)**
Btissame Ben M'hand, Christophe Piscart, Fouzi A. Taybi, Youness Mabrouki
CONSERVATION/ENVIRONNEMENTAL PROTECTION/INVASIVE SPECIES
- P07 **Restoration of the Historic Dry-Preserved Crustacean Collection at the Muséum National d'Histoire Naturelle**
Louna Berlier, Cendrine Cure, Inès Grevez, Sophie Santini, Emma Serais, Sébastien Soubzmaigne, Laure Corbari, Allison Arnault, Paula Martin-Lefèvre
COLLECTIONS
- P08 **Every Shrimp Everywhere All at Once: Phylogenomics Reveals the Intricate History of the Most Diverse Group Inside Atyidae (Crustacea: Decapoda)**
Samuel C. Bernardes, Thomas Von Rintelen, Adnan Moussalli, Valentin de Mazancourt, Kristina Von Rintelen
PHYLOGENOMICS
- P09 **Cracking the Code: An Integrative Taxonomic and Phylogenetic Study of Deep-Sea Meningodora Shrimp (Decapoda: Acantheephyridae) from the Gulf of Mexico**
Nia Brotherton, Stormie Collins, Heather Bracken-Grissom
CAVES, DEEP-SEA, AUSTRAL/BOREAL
- P10 **Autonomous Reef Monitoring Structures (ARMS) in the South-West Indian Ocean: preliminary results on coral reef Anomura and Brachyura diversity**
Henrich Bruggemann, Marion Couedel, Fleur Bruggemann, Baptiste Frattini, Agnes Dettai, Mireille Mm Guillaume
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P11 **Sphaeromatidae and Asellota isopods (Crustacea, Peracarida) found in Bocas del Toro, Panama during the Confusing Crustacean Workshop: Peracarida Systematics, Collection and Preservation**
Sofía Calderón López, Regina Wetzler
MARINE BIODIVERSITY AND BIOGEOGRAPHY

The Crustacean Society TCS Summer Meeting



Poster Session July 8th 2025

- P12 **Resolving Bopyrid Systematics: Resurrection of the Parasitic Isopod Genus *Cryptione* Hansen, 1897 Using a Combination of Molecular and Morphological Evidence**
Angela Ceballos, Jason D. Williams, Amanda Horch, Heather Bracken-Grissom
PHYLOGENOMICS
- P13 **Is the Amazon River Plume a Phylogeographic Barrier for the Stone Crab? Analysis of Genetic Variability and Population Structure in *Menippe nodifrons* Stimpson, 1859 Along Western Atlantic**
Guilherme Chiachio, Lucas Oliveira-Rogeri, Fernando Mantelatto
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P14 **Genetic Population Structure of the Ghost Crab, *Ocypode Stimpsoni* (Ortmann, 1897) Based on Mitochondrial DNA and Nuclear Microsatellite Markers**
Dain Kimn, Jang Sook-Jin, Kim Myeongil, Mano Izumi, Han Kyungnam, Koo Jageun, Kim Taewon
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P15 **Inclusion of Pentastomida Elucidates Pancrustacean Evolutionary Relationships**
Marie Drabkova, Todd Oakley
PHYLOGENOMICS
- P16 **Genetic Characterization of *Astacus astacus* Crayfish Populations for the Management of Wallonia's Natural Heritage (Belgium)**
Marie-Christine Flamand, Roger Cammaerts, Adrian Neveu, Adam Petrusek, Lucian Pârvulescu, Przemyslaw Śmietana, David Porco
CRAYFISH
- P17 ***Chelator Insignis* (Isopoda: Desmosomatidae) As Deep-Sea Host for Trophomera (Nematoda: Benthimermithidae) in the Bay of Biscay (NE Atlantic)**
Inmaculada Frutos, Alexei V. Tchesunov
DISEASES AND CRUSTACEAN PARASITES (ONE-HEALTH)
- P18 **Ten Feet and One Hundred Species – Alien Decapod Crustaceans in the Mediterranean Sea**
Bella Galil, Gianna Innocenti
CONSERVATION/ENVIRONMENTAL PROTECTION/INVASIVE SPECIES
- P19 **Microhabitat Adaption Revealed By Comparative Transcriptomics of Five Intertidal Barnacles**
Zhibin Gan, Haoyuan Li, Xinzhen Li
ECOLOGY AND BEHAVIOR OF THE FOSSIL TO THE PRESENT/FOOD WEBS
- P20 **Discoveries from the Atacama Trench: New species of Decapods Emerge from the Abyss**
Guillermo Guzman, Karolina Rivera-Osorio, Armando Azua-Bustos, Alexis Gacitua
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P21 **A Widespread Symbiosis of a Novel Lineage of Deep-Sea Specific Protists Colonizing the Gills of Several Shrimps Species from Hydrothermal Vents**
Lison Hey, Dewi Langlet, Chong Chen, Kareen Schnabel, Pierre Methou
LONG-TERM INTERACTIONS AND SYMBIOSIS
- P22 **A New Species of Mesacturoides Manning, 1978 (Stomatopoda: Takuidae) from the Arabian Sea**
Hee-seung Hwang, Greg Rouse
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P23 **Crabs Moving Sideways Are Faster Than Those Moving Forward**
Kano Kohara, Jun-ya Taniguchi, Tsubasa Inoue, Atsushi Hirai, Jung-Fu Huang, Yuuki Kawabata
FUNCTIONAL MORPHOLOGY
- P24 **Insight Into the Diversity of Carboniferous Thylacocephalans**
Thomas Laville, Russell Bicknell
EVOLUTION, SYSTEMATICS AND FOSSIL RECORD

The Crustacean Society TCS Summer Meeting



Poster Session July 8th 2025

- P25 **A New Species of the Genus *Lauriea* Baba, 1971 (Anomura: Galatheidae) Associated with a Sponge Habitat in the Mesophotic Waters off Jejudo Island**
Sang-Hui Lee, Jin-Ho Park
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P26 **Phylogenetic and Species Diversity of Brachyuran Crabs on Korean Islands: Environmental Drivers and Biogeographical Insights**
Sang-kyu Lee, Who-Seung Lee, Taewoo Kim, Chang-Rae Lee, Sang-ho Shin, Jong Seong Khim
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P27 **Is Welfare Already There? A Thematic Analysis of Shrimp (*Penaeus Vannamei*) Welfare Perception of the Farm Personnel in Latin America**
Rodrigo Lorenzo, Laura López Greco, Cristina Pascual Jiménez, Nadia Moreira, Gracy Pamela Amador, Yuniel Méndez Martínez, María Soledad Morales Covarrubias, Guiomar Rotllant
WELFARE AND NUTRITION IN CRUSTACEANS
- P28 **Parasites of the Invasive Atlantic Blue Crab *Callinectes sapidus* and Native Crabs *Carcinus maenas* and *Afruca tangeri* in Merja Zerga Lagoon, Moroccan Atlantic Coast**
Kawtar Machhour, Amal Lamkhalkhal, Imane Rahmouni, Mohamed Selfati, Nikol Kmentová, Maarten P. M. Vanhove, Hocein Bazairi
DISEASES AND CRUSTACEAN PARASITES (ONE-HEALTH)
- P29 **Exploring Marine Biodiversity: From the Field to the Shelves**
Paula Martin-Lefèvre, Sébastien Soubzmaigne, Rachid Kebir, Laure Corbari
COLLECTIONS
- P30 **The MNHN Collection Data Workflow**
Paula Martin-Lefèvre, Sébastien Soubzmaigne, Laure Corbari
COLLECTIONS
- P31 **A Physiological Approach to Assess Ecotoxicological Effects of Anthropogenic Contamination on the Swamp Mangrove Crab, *Ucides cordatus* (Decapoda: Ocypodidae)**
Rachel McDonnell, Wilfried Klein, John McNamara
PHYSIOLOGY, ECOTOXICOLOGY AND ECOPHYSIOLOGY
- P32 **Contribution to the Green Crab Fishery Along the Portuguese Coast**
João N. Monteiro, Andreia Ovelheiro, Ruben Roa-Ureta, Maria Alexandra Teodosio, Francisco Leitão
REPRODUCTION, DEVELOPMENT AND LIFE CYCLES
- P33 **A New Sphaeromicolinae (Ostracoda, Podocopa) Commensal on a Cirolanid Isopod from the Iberian Peninsula**
Ana María Moreno-García, Francesc Mesquita-Joanes, Ferran Palero
PLANKTONIC AND BENTHIC MICROCRUSTACEANS
- P34 **Utilising the Magic of Limb Regeneration as a Potential Stem Cell Source for Cultivated Crustacean Meat**
Lisa Musgrove, Avani Bhojwani, Cameron Hyde, Susan Glendinning, Josephine Nocillado, Fraser Russell, Tomer Ventura
WELFARE AND NUTRITION IN CRUSTACEANS
- P35 **Cryptic Diversity Hidden in the Brazilian Amazon: Evidence of a New Species of the Freshwater Prawn Genus *Macrobrachium* (Decapoda: Palaemonidae)**
Rodrigo Pantoni, Célio Magalhães, Fernando Mantelatto
BIODIVERSITY OF FRESHWATER CRUSTACEANS
- P36 **Paternity Patterns in Decapods and Their Consequences for Larval Performance Along the Southeastern Pacific Coast**
Luis Miquel Pardo, Iván Hinojosa, Dario Navarrete, Maria J Bruning, Noemi Rojas-Navarrete, David Veliz
REPRODUCTION, DEVELOPMENT AND LIFE CYCLES
- P37 **A New Burrowing Mud Shrimp of the Genus *Laomedea* de Haan, 1841 (Decapoda: Laomedidae) from Korea**
Jin-Ho Park, Yu-Seok Jeong, Bon Joo Koo
MARINE BIODIVERSITY AND BIOGEOGRAPHY

The Crustacean Society TCS Summer Meeting



Poster Session July 8th 2025

- P38 Revisiting the *Pontonides unciger* Species Group: Evidence from Integrative Taxonomic Analyses**
Jin-Ho Park, Sammy De Grave, Taeseo Park
EVOLUTION, SYSTEMATICS AND FOSSIL RECORD
- P39 Capturing Data from Preserved Specimens: From Labels to Data at Large Scale**
N. Dean Pentcheff, Regina Wetzer
COLLECTIONS
- P40 *Peltogasterella gracilis* (Cirripedia: Rhizocephala) – a Complex of Cryptic Species or Generalist Parasite?**
Aleksandr Pentruniak, Anastasia Lianguzova, Darya Krupenko, Liudmila Poliushkevich, Natalia Arbuzova, Ekaterina Laskova, Aleksei Mirolubov
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P41 Phylogenetic Relationships of the Genus *Areopaguristes* Rahayu & McLaughlin, 2010 Reveal a New Species for Brazil**
Aurora Pereira-Santos, Gabriel Bochini, Fernando Mantelatto
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P42 Swimming in the Hotspot Region: Decapod Larvae Diversity in Southeast Brazil Revealed by Bulk DNA Metabarcoding**
Julia Perroca, Ana Tamburus, Sérgio Stampar, Rogerio Costa, Fernando Mantelatto
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P43 How a French Expedition in the Nineteenth Century Could Be Related to the Study of the Taxonomic Status of the Western Atlantic Spider Crab *Omala cantha bicornuta***
Maria Clara Petita, Felipe Balbino, Fernando Mantelatto
EVOLUTION, SYSTEMATICS AND FOSSIL RECORD
- P44 Genetic and Population Characteristics of the Subterranean Stone Crayfish Population in the Sušik Cave, Croatia**
Karolina Pipinić, Matej Vucić, Ivana Maguire, Sandra Hudina
BIODIVERSITY OF FRESHWATER CRUSTACEANS
- P45 Unveiling deep frontiers: initial insights into isopod diversity of the eastern Aleutian Trench (NE Pacific)**
Mathis Preikschat, Davide Di Franco, Andreas Kelch, Karin Meißner, Angelika Brandt, Stefanie Kaiser
CAVES, DEEP-SEA, AUSTRAL/BOREAL
- P46 Potential Establishment of the Non-Indigenous Shrimp *Penaeus aztecus*, Ives 1891, in the NW Mediterranean: Early and Successful Expansion**
Xènia Puigcerver-Segarra, Eve Galimany, Pere Abelló, Patricia Prado, Guiomar Rotllant, Laura Recasens, Joan Baptista Company, Ricardo Santos Bethencourt
CONSERVATION/ENVIRONMENTAL PROTECTION/INVASIVE SPECIES
- P47 Phylogenetic Analysis of Tropical Cyzicidae in Africa Reveals Substantial Undocumented Diversity**
Nicolas Rabet, Zambhisi Majingo, Musa Mlambo, Samuel Motitsoe, Daksha Naran, Frédéric Busson, Céline Bonillo
TEMPORARY AND HYPERSALINE HABITATS
- P48 Redescription of *Eulimnadia garretti* (Richters, 1882) and Its Taxonomic and Biogeographic Significance**
Nicolas Rabet, Virgile Mazel, Zoé Raphalen, Frédéric Busson, Céline Bonillo
TEMPORARY AND HYPERSALINE HABITATS
- P49 Impacts of Endogenous Factors and Ontogenetic Stages on the Metabolic Rate of the Mediterranean Spider Crab *Maja squinado* (Herbst, 1788)**
Marie-Catherine Raffalli, Jean-José Filippi, Jeremy Bracconi, Nicolas Gattacceca, Jean-Baptiste Ronchi-Perfetti, Ambre Crescioni, Jehan-Hervé Lignot, Eric Durieux
PHYSIOLOGY, ECOTOXICOLOGY AND ECOPHYSIOLOGY
- P50 First Steps Towards New Indicators of Unconsciousness During Shrimp Harvest on Farm?**
Lola Reverchon-Billot, Constance Blary, Aurélie Warin
WELFARE AND NUTRITION IN CRUSTACEANS

The Crustacean Society TCS Summer Meeting



Poster Session July 8th 2025

- P51 **When Morphological Evidence Became Deceiving: Miocene Diversification of Eastern Atlantic Porcelain Crabs of the Genus *Pisidia* (Decapoda: Porcellanidae)**
Paula Rodríguez Flores, Sandra López-Díaz, Laure Corbari, José Templado, Ernesto Recuero Gil
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P52 **Nomads and Residents: Diversity and Associations of Caridean Shrimps with Mesophotic and Deep-Sea Corals**
Paula Rodríguez Flores, Arthur Anker, Shull Heather, Andrea M. Quattrini, Martha Nizinski, Sarah Tweedt
LONG-TERM INTERACTIONS AND SYMBIOSIS
- P53 **Synergic Effect of Temperature and Salinity on Physiological Performance of *Penaeus vannamei* Under Coastal Warming Scenarios**
Guiomar Rotllant, Cristina Pascual, Laura López Greco, Claudia P. Caamal, Ariadna Sánchez, Honorio Cruz, Emanuel Tuz, Arturo Vargas, Carlos Rosas
PHYSIOLOGY, ECOTOXICOLOGY AND ECOPHYSIOLOGY
- P54 **Sea Spider Collections of the Muséum National d'Histoire Naturelle**
Romain Sabroux, Paula Martin-Lefèvre, Sébastien Soubzmaigne, Sylvain Charbonnier, Laure Corbari
MARINE CHELICERATES
- P55 **Sea Spiders of the Jurassic**
Romain Sabroux, Gregory Edgecombe, Russell J. Garwood, Denis Audo, Sylvain Charbonnier, Laure Corbari, Alexandre Hassanin, Davide Pisani
MARINE CHELICERATES
- P56 **Sea Spiders of the Palaeozoic**
Romain Sabroux, Gregory D. Edgecombe, Russell J. Garwood, Philip C. J. Donoghue, Derek J. Siveter, Derek Briggs, Mark D. Sutton, Davide Pisani
MARINE CHELICERATES
- P57 **Gynandromorphy in Norway Lobster (*Nephrops norvegicus* (Linnaeus, 1758)), a Very Rare Case of Study**
Ricardo Santos Bethencourt, Pere Abelló, Marc Balcells, Mireia Silvestre, Eve Galimany, Guiomar Rotllant
REPRODUCTION, DEVELOPMENT AND LIFE CYCLES
- P58 **Bathymetric Structure of Trawl Fishery Decapod Crustaceans Along the Catalan Coast (2018-2024)**
Ricardo Santos Bethencourt, Guiomar Rotllant, Xènia Puigcerver-Segarra, Mireia G. Mingote, Patricia Poch, Joan Baptista Company, Eve Galimany, Pere Abelló
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P59 **First Record of *Harpiniopsis kobjakovae* (Amphipoda: Phoxocephalidae) from the Bathyal Zone of the East Sea, Korea**
Myung-Hwa Shin, Chi-Hyeon Kim
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P60 **A New Crab Assemblage from the Miocene of Brunei Darussalam (Borneo Island)**
Sinéad Lynch, Elisa Luyet, Allison C. Daley, Pierre Gueriau, Vincent Fernandez, Javier Luque, Amajida Roslim, László Kocsis
CRABS, IN HONOR OF DANIÈLE GUINOT
- P61 **Metabarcoding the Missing Link in Peatland Food Webs**
Grace Smith, Tomer Ventura, Catherine Yule
BIODIVERSITY OF FRESHWATER CRUSTACEANS
- P62 **The Extant Crustacean Collection at the MNHN**
Sébastien Soubzmaigne, Paula Martin-Lefèvre, Rachid Kebir, Laure Corbari
COLLECTIONS
- P63 **Analyzing the Activity and Rest Cycles of a Semiterrestrial Crab in Order to Identify the Presence of Sleep**
Julieta Sztarker, Ariana Bertot, Esteban Javier Beckwith
ECOLOGY AND BEHAVIOR OF THE FOSSIL TO THE PRESENT/FOOD WEBS

The Crustacean Society TCS Summer Meeting



Poster Session July 8th 2025

- P64 **Exploring the Organization of the Lateral Protocerebrum of the Semiterrestrial Crab *Neohelice granulata* With Emphasis in the Characterization of the Projection Sites of Lobula Columnar Neurons**
Julietta Sztarker, Ana Paulova Contreras Vera, Martín Berón de Astrada, Alejandro Delorenzi
SENSORY BIOLOGY
- P65 **Genome Size Evolution: Krill As a New Model for Unravelling of the C-Value Paradox**
Jean-Yves Toullec, Martin Gachenot, Dominique Marie, Stéphanie Ruault, Anne-sophie Le Port, Isabelle Boutet, Arnaud Tanguy, Erwan Corre, Eric Bonnivard, Andreas Wallberg
PHYSIOLOGY, ECOTOXICOLOGY AND ECOPHYSIOLOGY
- P66 **Delineating the Deep-Sea Isopod *Macrostylis curticornis* Complex Using Geometric Morphometrics**
Lena Ulrich, Anchita Casaubon, Torben Riehl
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P67 **Phylogenetic and Phylogeographic Studies of *Clibanarius* Species in the Eastern Atlantic and Mediterranean Sea**
Jaime Valera Gallego, Lucía Sainz Escudero, Paula Rodríguez-Flores
MARINE BIODIVERSITY AND BIOGEOGRAPHY
- P68 **Unravelling the Life Cycle of *Lysmata debelius* (Bruce, 1983): Complete Larval Development and Rearing Strategies**
Jessica Vieira Esteves, Sérgio Miguel Leandro, Cátia Bartilotti, Jorge Lobo-Arteaga, Sónia Cotrim Marques
REPRODUCTION, DEVELOPMENT AND LIFE CYCLES
- P69 **Salinity Tolerance Amplitude in Neotropical Fiddler Crabs: A Comparison Between Pacific and Atlantic Species**
Luiza Villela, Carl Thurman, John McNamara, Samuel Faria, Mariana Capparelli
PHYSIOLOGY, ECOTOXICOLOGY AND ECOPHYSIOLOGY
- P70 **Origin and Phylogeography of the Endemic Atyid Freshwater Shrimps (Caridina) of Sulawesi, Indonesia**
Thomas Von Rintelen, Muhammad Iqam, Diky Dwiyanto, Daisy Wowor, Kristina Von Rintelen
BIODIVERSITY OF FRESHWATER CRUSTACEANS
- P71 **Freshwater Shrimps from Lake Poso in Indonesia – Diverse and Endangered**
Marlene Von Rintelen, Lilian Von Rintelen, Thomas Von Rintelen, Kristina Von Rintelen
BIODIVERSITY OF FRESHWATER CRUSTACEANS
- P72 **A Phylogeographic Study of the Genus *Pachycheles* (Decapoda: Anomura: Porcellanidae) from Chinese Waters**
Yuhan Wan, Dong Dong, Xinzhen Li
EVOLUTION, SYSTEMATICS AND FOSSIL RECORD
- P73 **Novel Mitogenomes and Molecular Phylogenetic Relationships Amongst Spiny Lobsters (Crustacea: Decapoda: Palinuridae)**
Chien-Hui Yang, Tin-Yam Chan
EVOLUTION, SYSTEMATICS AND FOSSIL RECORD
- P74 **Circadian Evaluation of the Ecdysteroid Pathway in the Blue Crab *Callinectes sapidus* Rathbun, 1869 (Crustacea Brachyura)**
Giovanna Zanetti, Daniela Dantas David, Julia Dos Santos Braulino, Ana Maria De Lauro Castrucci
PHYSIOLOGY, ECOTOXICOLOGY AND ECOPHYSIOLOGY
- P75 **Effects of Temperature on the Developmental Stages and Genotypes of *Aphanomyces astaci*, the Crayfish Plague Pathogen**
Ela Šarić, Dora Pavić, Thomas Baudry, Ana Bielen
DISEASES AND CRUSTACEAN PARASITES (ONE-HEALTH)
- P76 **Thermal tolerance and vulnerability to climate warming in the freshwater shrimp *Atyaephyra desmarestii*.**
Maria Itin, Juliette Ravaux, Valentin de Mazancourt
PHYSIOLOGY AND ECOPHYSIOLOGY (PROTEIN ALSO)

The Crustacean Society

TCS Summer Meeting

PARIS . FRANCE
July 7 - 10th 2025



List of Participants

Name	Institution	Country of Institution
ACHITUV, Yair	Bar Ilan University	Israel
ALBALAT, Amaya	University of Stirling	United Kingdom
ANDERSON, Justin R	Southeastern Louisiana University	United States
ARNOLD, Angel	Sorbonne Université	France
AUDEBERT, Fabienne	Sorbonne Université	France
AUDO, Denis	Muséum national d'Histoire naturelle	France
BADALUCCO, Antonina	University of Palermo	Italy
BALBINO SANTOS, Felipe	University of São Paulo	Brazil
BARTA, Anna-Chiara Germana Bianca Maria	Natural History Museum Vienna	Austria
BASTOS, Angelina	Muséum national d'Histoire naturelle	France
BERLIER, Louna	Muséum national d'Histoire naturelle	France
BERRY, Sarah	CSIRO	Australia
BHOJWANI, Avani	University of the Sunshine Coast	Australia
BLAZEWICZ, Magdalena	University of Lodz	Poland
BOSCHER, Yuna	Sorbonne Université	France
BOUCHET, Philippe	Muséum national d'Histoire naturelle	France
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BRANDIS, Dirk	Zoological Museum of the University of Kiel	Germany
BRANDT, Angelika	Senckenberg Research Institute	Germany
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BROTHERTON, Nia Louise	Florida International University	United States
BRUNING, Maria J	University of Plymouth	United Kingdom
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CAMMAERTS, Roger	SPW – DEMNA	Belgium
CASAU BON, Anchita		Germany
CASTRO, Pedro	California State Polytechnic University	United States
CEBALLOS, Angela Mariana	Florida International University	United States
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CHAN, Tin-Yam	National Taiwan Ocean University	Taiwan
CHANG, Su-Ching	National Chiayi University	Taiwan
CHARBONNIER, Sylvain	Muséum national d'Histoire naturelle	France
CHARMANTIER, Guy	Université de Montpellier	France
CHEN, Chi	National Taiwan Ocean University	Taiwan
CHEN, Hsiang-Yin	National Changhua University of Education	Taiwan
CHIN, Pei-Lu (Lulu)	Muséum national d'Histoire naturelle	France
CHO, Sooyeon	Korea Research Institute Bioscience and Biotechnology	South Korea
CHOWDHURY, Gourab	University of the Sunshine Coast	Australia
CLAASSEN, Jorn	University of Groningen	Netherlands
CLARK, Paul	Natural History Museum, London	United Kingdom

The Crustacean Society

TCS Summer Meeting

PARIS . FRANCE
July 7 - 10th 2025



COLLINS, Stormie Blayze	Florida International University	United States
CORDAUX, Richard	CNRS / Université Paris Saclay	France
COUPEAU, Roman	University of Caen Normandy	France
CRUMP, Andrew	Royal Veterinary College	United Kingdom
CUMBERLIDGE, Neil	Northern Michigan University	United States
DANIELS, Savel	Stellenbosch Universitiy	South Africa
DE GRAVE, Sammy	Oxford University Museum of Natural History	United Kingdom
de MAZANCOURT, Valentin	Muséum national d'Histoire naturelle	France
DE PAZ, Maya		United Kingdom
DIAZ, Javier	University of Las Palmas de Gran Canaria	Spain
DJIAN, Valentin	Muséum national d'Histoire naturelle	France
DONG, Dong	Chinese Academy of Sciences	China
DRABKOVA, Marie	University of Hradec Kralove	Czechia
ENAS, Mohamed	Imperial College London	Maldives, United Kingdom
FELLER, Kathryn Deborah	Union College	United States
FLOT, Jean-François	Université libre de Bruxelles	Belgium
FOREL, Marie-Béatrice	Muséum national d'Histoire naturelle	France
FRÜCHTENICHT, Una	Christian-Albrechts-Universität zu Kiel	Germany
FRUTOS, Inmaculada	University of Lodz	Poland
GALIL, Bella Sarah	Steinhardt Museum of Natural History	Israel
GAN, Zhibin		China
GAUDANT, Valérie	Société Française d'Ichtyologie	France
GELLERT, Marta Karolina	University of Lodz	Poland
GERKEN, Sarah Anne	University of Alaska Anchorage	United States
GIMENEZ, Luis	Bangor University	United Kingdom
GLENNER, Henrik	University of Bergen	Norway
GLUCHOWSKA, Marta		Poland
GRAHAM, Zack Adam	West Liberty University	United States
GREILHUBER, Matthäus	Natural History Museum Vienna	Austria
GRÜTZKE, Svetlana	Zoological Museum, Kiel University	Germany
GUILLAM, Elvis	Sorbonne Université	France
GUILLAUME, Mireille	Muséum national d'Histoire naturelle	France
GUILMIN, Thomas	ANSES	France
GUINOT, Danièle	Muséum national d'Histoire naturelle	France
GUZMAN, Guillermo Leandro	Universidad Arturo Prat	Chile
HANS, Ron	Mote Marine Laboratory	United States
HARZSCH, Steffen	University of Greifswald	Germany
HAUG, Carolin	LMU Munich	Germany
HAUG, Joachim	LMU Munich	Germany
HETHKE, Manja	LWL-Museum für Naturkunde, Münster	Germany
HEY, Lison	Ifremer	France
HOEPEL, Christoph		Germany
HONGJAMRASSILP, Watcharapong (Win)	Chulalongkorn University	Thailand
HOW , Martin	University of Bristol	United Kingdom
HU, Zhehao	University of Hamburg	Germany

The Crustacean Society

TCS Summer Meeting

PARIS . FRANCE

July 7-10th 2025



HUANG, Yu-Hsuan	Academia Sinica	Taiwan
HUBER, Augusto Frederico	University of South Bohemia (USB)	Czechia
HUDINA, Sandra		Croatia
HUGHES, Lauren Elizabeth	Natural History Museum, London	United Kingdom
HWANG, Hee-seung	Seoul National University	South Korea
JAKIEL, Aleksandra	University of Lodz	Poland
JAMET, Laura	Sorbonne Université	France
JANAKIS, Madison	University of South Carolina	United States
JAŹDŹEWSKA, Anna	University of Lodz	Poland
JEONG, Yu Seok		South Korea
Jl, Su-Jung		South Korea
KAMPOURIS, Thodoros	Astrolabe-Marine Research	Greece
KARADJIAN, Grégory	ANSES	France
KATHAROYAN, Chaitanya	Stellenbosch University	South Africa
KAWAI, Tadashi	Hokkaido Research Organization	Japan
KELCH, Andreas Hans-Jürgen	Senckenberg Research Institute	Germany
KIM, Dain	Woods Hole Oceanographic Institution	United States
KIM, Kenneth	University of Lausanne	Switzerland
KIMIYAE, Hoda		Taiwan
KLÜH, Dennis		Germany
KNAUBER, Henry	Senckenberg Research Institute	Germany
KOCHANOVA, Elena	Finnish Museum of Natural History	Finland
KOHARA, Kano	Nagasaki University	Japan
KOHLNBACH, Katharina	Alfred Wegener Institute	Germany
KUNJULAKSHMI, Kozhikkaparambil	Sathyabama Institute of Science and Technology	India
KUNZE, Mike	University of Bonn	Germany
KUROSAWA, Norio		Japan
LAGRANGE, Flavien		France
LAMKHALKHAL, Amal	Mohammed V University	Morocco
LANDSCHOFF, Jannes	Stellenbosch University	South Africa
LAVILLE, Thomas	Ludwig-Maximilians-Universität München	France
LE RESTE, Guillaume	Halieutica	France
LEE, Bee Yan	National University of Singapore	Singapore
LEE, Chi-Woo	NNIBR	South Korea
LEE, Chi-Ying	National Changhua University of Education	Taiwan
LEE, Sang-Hui	National Marine Biodiversity Institute of Korea	South Korea
LEE, Sang-kyu	Seoul National University	South Korea
LEEDHAM, Emily	University of Auckland	New Zealand
LEUNG, Hoi Ching		Hong Kong
LIGNOT, Jehan-Hervé	Université de Montpellier	France
LÓPEZ CHILLARÓN, Sandra	Institut de Ciències del Mar	Spain
LORENZO, Rodrigo Antonio	ICM-CSIC	Spain
LÖWENSTEIN, Augustina	Natural History Museum Vienna	Austria

The Crustacean Society

TCS Summer Meeting

PARIS . FRANCE

July 7-10th 2025



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LYNCH, Sinéad	University of Lausanne	Switzerland
MACHHOUR, Kawtar	Mohammed V University	Morocco
MACPHERSON, Enrique	Institut de Ciències del Mar	Spain
MAHDIPOUR, Elham	Ludwig Maximilian University of Munich	Germany
MAIA, Simão Pedro Feliciano	Universidade de Aveiro	Portugal
MANN, Amelie	Zoological Museum of Kiel University	Germany
MANTELATTO, Fernando L.	University of São Paulo	Brazil
MARTIN-LEFÈVRE, Paula	Muséum national d'Histoire naturelle	France
MARTINO, Caterina	University of Palermo	Italy
MATHOU, Adrien	Sorbonne Université	France
McDONNELL, Rachel Ann	University of São Paulo	Brazil
McKIM, Siena	University of California	United States
MENDES-GRAMS, Markus	Universität Rostock	Germany
METHOU, Pierre	Ifremer	France
MEYER-MILNE, Elizabeth Betsie	SAEON	South Africa
MLAMBO, Musa	Albany Museum	South Africa
MONTEIRO, João Nuno	CCMAR - Centre of Marine Sciences	Portugal
MOTITSOE, Samuel Nkopane	University of the Witwatersrand	South Africa
MUSGROVE, Lisa	University of the Sunshine Coast	Australia
MYUNG HWA, Shin	National Marine Biodiversity Institute of Korea	South Korea
NYE, Verity Ellen	Ocean Census	United Kingdom
OAKLEY, Todd Hampton	University of California	United States
OHTA, Mizuki	Hokkaido University	Japan
Ohtsuchi, NAOYA	University of Tokyo	Japan
OLESEN, Jørgen	Natural History Museum of Denmark	Denmark
PAIROHAKUL, Supanut	Chulalongkorn University	Thailand
PALACIOS THEIL, Emma	University of Lodz	Poland
PALERO, Ferran	Universitat de València	Spain
PARDO, Luis Miguel	Universidad Austral de Chile	Chile
PARK, Jin-Ho		South Korea
PEER, Nasreen	Stellenbosch University	South Africa
PENTCHEFF, N. Dean	Natural History Museum, Los Angeles	United States
PERRIER, Vincent	Université Claude Bernard Lyon 1	France
PETRUNIAK, Aleksandr		Russia
PIPITONE, Carlo		Italy
PISCART, Christophe	CNRS-Université de Rennes	France
POORE, Gary C. B.	Museums Victoria	Australia
PREIKSCHARDT, Mathis	Senckenberg Society for Nature Research	Germany
PUIGCERVER-SEGARRA, Xènia	Institut de Ciències del Mar	Spain
RABET, Nicolas	Sorbonne Université	France
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The Crustacean Society

TCS Summer Meeting

PARIS . FRANCE

July 7-10th 2025



RAVAUX, Juliette	Sorbonne Université	France
REVERCHON-BILLOT, Lola	Bankiva	France
RICHTER, Stefan	Universität Rostock	Germany
RIVERA, Ajna	University of the Pacific	United States
RODRIGUEZ FLORES, Paula	Smithsonian Institution	United States
ROGERI, Lucas Oliveira	University of São Paulo	Brazil
ROTLANT ESTELRICH, Guiomar	Institut de Ciències del Mar	Spain
SABROUX, Romain	Stazione Zoologica Anton Dohrn Napoli	Italy
SAINZ ESCUDERO, Lucia	Nord University	Norway
SANTANA, William	Universidade Regional do Cariri	Brazil
SANTOS-BETHENCOURT, Ricardo	Institut de Ciències del Mar	Spain
ŠARIĆ, Ela	University of Zagreb	Croatia
SCHMERR, Maria Luise	Senckenberg Research Institute	Germany
SCHREIER, Christopher	Universität Rostock	Germany
SCHWEIKERT, Lorian	University of North Carolina Wilmington	United States
SCHWENTNER, Martin	Natural History Museum Vienna	Austria
SCOTT, Kevin	St Abbs Marine Station	United Kingdom
SHAHDAI, Adnan	Academia Sinica	Taiwan
SHEIZAF, Idan	Hebrew University of Jerusalem	Israel
SHIRAKI, Shoki	Hokkaido University	Japan
SIMON-BLECHER, Noa	Bar Ilan University	Israel
ŠKUGOR, Tin	University of Zagreb	Croatia
SMITH, Grace	University of the Sunshine Coast	Australia
SOH, Bryan	National University of Singapore	Singapore
SOMERVILLE, Jasmine	University of Stirling	United Kingdom
SOUBZMAIGNE, Sebastien	Muséum national d'Histoire naturelle	France
SRAON, Saihaj		United States
STACHNIK, Magdalena		Poland
STANISLAWEK, Maxime	CNRS, SETE	France
SZTARKER, Julieta	Universidad de Buenos Aires - CONICET	Argentina
TAN, Zhi Wan	National University of Singapore	Singapore
TANDBERG, Anne Helene S	Senckenberg Research Institute	Germany
TAVARES, Marcos	University of São Paulo	Brazil
THAKRAR, Urja	University of London	United Kingdom
THOMAS THORPE, Jessica A	Wellcome Sanger Institute	United Kingdom
TOLEDANO CARRASCO, la Atzimba	Universität Regensburg	Germany
TOMSIC, Daniel	Universidad de Buenos Aires	Argentina
TORRES, Gabriela	Alfred-Wegener-Institut	Germany
TOULLEC, Jean-Yves	Sorbonne Université	France
TSUKIMURA, Brian	California State University	United States
ULRICH, Lena		Germany
VAN DER MEIJ, Sancia E.T.	Groningen Institute for Evolutionary Life Sciences	Netherlands
VENTURA, Tomer	University of the Sunshine Coast	Australia
VIEIRA ESTEVES, Jessica Yara	Polytechnic of Leiria	Portugal

The Crustacean Society

TCS Summer Meeting

PARIS . FRANCE
July 7 - 10th 2025



VIGOREAUX, Jim O	University of Vermont	United States
VILLELA, Luiza	University of São Paulo	Brazil
von RINTELEN, Kristina	Museum für Naturkunde, Berlin	Germany
von RINTELEN, Thomas	Museum für Naturkunde, Berlin	Germany
WALLBERG, Andreas	Uppsala University	Sweden
WEERACHAI, Lalita	University of Hong Kong	Hong Kong
WETZER, Regina	Natural History Museum, Los Angeles	United States
WILLIAMS, Jason D.	Hofstra University	United States
WONG, Ka Wing Karen	The Chinese University of Hong Kong	Hong Kong
XU, Tao	University of Hong Kong	Hong Kong
YANG, Chien-Hui	National Taiwan Ocean University	Taiwan
YASUHARA, Moriaki	The University of Hong Kong	Hong Kong
YEO, Darren	National University of Singapore	Singapore
ZANETTI, Giovanna	University of São Paulo	Brazil
ZATYLYN-GAUDIN, Céline	Université de Caen	France
ZBINDEN, Magali	Sorbonne Université	France

List of Volunteers

Name	Institution	Country of Institution
BUSSON, Frédéric	Muséum national d'Histoire naturelle	France
CAUSSE, Romain	Muséum national d'Histoire naturelle	France
CAIANO DOS SANTOS, Enzo	Sorbonne Université	France
FILIN, Lou	Muséum national d'Histoire naturelle	France
GAILLON, Tristan		France
GATIE, Théo	Sorbonne Université	France
GOASCOZ, Marion	Sorbonne Université	France
HAUTECOEUR, Mélyne	Muséum national d'Histoire naturelle	France
ITIN, Maria	Université Paris Est Créteil	France
LEBEAU, Gaspard	Université de Rennes	France
LEROY, Justine		France
LIITTSCHWAGER, Kurt	Independent Researcher	United States
LIITTSCHWAGER, Théo		France
LOIRE, Séléna		France
MOAS, Isabelle	Muséum national d'Histoire naturelle	France
PERREAUX, Claire	Sorbonne Université	France
RABET, Anne	Université de Rennes 1	France
SCHWARZ, Joanne		France
SCHWARZ, Yanis		France

