Our Logo: The "Phaistos Disk" one of the oldest transportable text to be found to date, (still to be deciphered), has been excavated from the Phaistos Palace in Crete, and dates back to the Minoan Civilization (2nd millennium B.C.)





12th International Symposium on Reproductive Physiology of Fish, Crete, Greece, 15-19 May 2023 "Reproductive science for aquaculture production and conservation"

5th Circular Announcement (4/2023)

Dear friends,

Finally, the time has arrived for the last preparations for the symposium. For a "real time" update on all issues related to the symposium, please visit and "**stay tuned**" to our website:

https://12isrpf.weebly.com

We provide you here with some useful information and instructions for the symposium.

Oral Presentations

A presenter's desk will be available near the registration desk. All presenters should submit their Oral presentation to the organizers, **the day before the presentation**. Bring your presentation (in Microsoft Powerpoint) saved on a USB memory stick. If you are using an Apple Mac computer to prepare your presentation at home, make sure that it runs well on a Windows-based computer, especially if you have videos or soundtracks.

The file should be labeled as "Oral **X_Lastname**_Session **Z**", where: **X** = sequence number of the oral presentation, according to the Symposium Program, **Lastname** = the last name of the presenter, and **Z** = Special session number

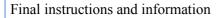
You should check your presentation in the presenter's desk computer, and make sure that all slides show well. All presentations will be loaded on the projection computer **the day before** each Special Session, and no modifications can be made during the day.

See later, for suggestions/advice on preparing your oral presentation.

Poster presentations

The accepted size for the Posters is A0 upright (119 cm height x 84 cm width). The poster must be printed on gloss or matt paper, or light fabric, but **not heavy canvas or rigid plasticize material**, which may be too heavy to stay on the board! We will provide pins, double sided tape, and blue tag for putting up the posters. Posters should be placed on their corresponding board on Sunday 14 or at the latest Monday 15 May 2023 in the morning, and will be organized according to Special Session. Each Poster will be given a sequence number, and the boards will be numbered accordingly. Presenters having an odd number of poster (P1, P3 etc.) should stand by and present their posters during the Tuesday 16 May 2023 Poster Session (I). Presenters having an even number of poster (P2, P4, etc.) should stand by and present their posters during the Thursday 18 May 2023 Poster Session (II). Any new Abstracts submitted late (after 10 April 2023), will be given a sequence number from P101 onwards, and will be displayed in a different location than the Special Session to which they are allocated, at the end of Special Session 9.

See later, for suggestions/advice on preparing your poster presentation.





General suggestions for Oral presentations for the 12th ISRPF

- Presentation should be **12 min + 3 min** for Q&A
- Prepare 12 slides (1 per minute of presentation) as a rule-of-thumb
- For the Title of slide use 28 or 32-point text, bold
- Use wide screen format (33.78 x 19.05 cm)
- All information should be legible (text minimum 18-20 point, bold or regular). Figure labels and units, may be up to 16 point, preferably bold
- Do not put too much information or items to which you will not refer.
- Observers will stop paying attention, if
 - (a) they cannot see the information (too small font), or
 - (b) cannot have enough time to read it
- Better use light background (*e.g.* white, grey) with dark text (*e.g.* black, blue)
- Avoid using too many colors for text. Some colours will not show well in a projector (compared to computer screen), especially on a dark background
- Allow ~1 cm of margin around the slide, to avoid information being lost due to problems with the projector or screen size. See sample slide below:

•1]]	TITLE OF SLIDE 28 - 32 POINT, BOLD
MB	
G	eneral suggestions for Oral presentations for the 12 th ISRPF
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	(compared to computer screen), especially on a dark background
•	Allow ~1 cm of margin around the slide, to avoid information being lost due to
	problems with the projector or screen size. 12 th ISRPF - Mylonas, CC et

Best Student Oral and Poster presentation

There will be two (2) awards for best **Student Oral Presentation** and two (2) awards for best **Student Poster Presentation**. The awards will also include a financial reward. The evaluation of the presentations will be made by members of the Scientific Program Committee, and the announcement and award ceremony will be held on Friday 19 May 2023, during the closing session (10,00). The

(18:00). To be easier for the evaluation committee members to identify student posters and oral presentations, these have been identified in the Program and Book of Abstracts (student). It is suggested that an identification symbol is added to the poster itself (next to the photo of the presenter), as well as to the opening slide of the oral presentation (next to the title of the presentation), such as the **one provided here** (graduation cap and diploma).



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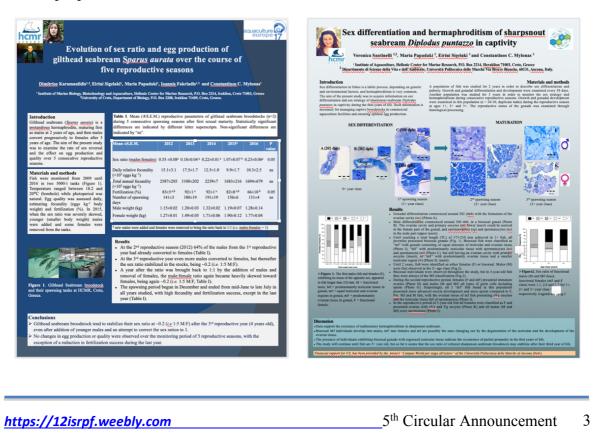


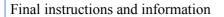
General suggestions for Poster presentations for the 12th ISRPF

The accepted size for the Posters is A0 (119 cm height x 84 cm width) upright. The poster must be printed on gloss or matt paper, or light fabric, but not heavy fabric or rigid plasticize material, which may be too heavy to stay on the board!) Posters should be placed on their corresponding board on Sunday 14 or at the latest Monday 15 May 2023 in the morning, and will be organized according to Special Session. Each Poster will be given a sequence number, and the boards will be numbered accordingly. We will provide pins, double sided tape, and blue tag for anchoring the posters.

- Place a photo of the person **presenting the poster** next to the title. This will help participants find the presenter if they want to discuss about the poster.
- For the **Title of the poster use >60-point text**, **bold**
- All information should be legible (text minimum 36 point, **bold** or regular). Except figure labels and units, which can be up to **28 point, preferably bold**
- Observers will often not stand at a Poster, if
 - (a) they cannot read the information easily (too small font), or
 - (b) there is too much information and too many details
- Use eye-catching photos and graphics
- Focus more on the Objectives and less on the Methods
- Results are often easier to be read, if in a bullet format
- Conclusions should be clear and well-supported by the data and statistical analysis
- Display the logos of the affiliated University/Research Organization, as well as the project's Funding Agency
- Always acknowledge fully the Funding Agency and include the project's contract number

See sample poster below:







T-shirts

We have produced a Polo t-shirt with the logo of the symposium. The t-shirts will be available at the registration desk, beginning on Tuesday 16 May 2023. There is only one color and a unisex-style, in sizes S, M, L, XL, 2XL, 3XL and 4XL, according to the chart below (in cm).

MK215	1/2 Pecho 1/2 Chest	Largo delantero Front length		
SIZE	Α	F		
S	50	69		
М	53	71		
L	56	73		
XL	59	75		
2XL	63	77		
3XL	66	80		
4XL	69	83		
5XL	72	86		

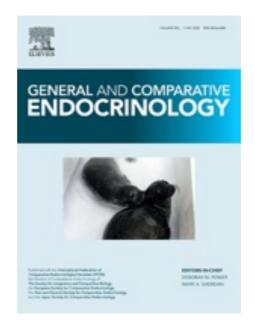




Special Issue in the journal General and Comparative Endocrinology

As for previous ISRPFs, we will have a Special Issue (SI) in the journal General and Comparative Endocrinology (GCE) with submitted manuscripts from the 12th ISRPFs, from both Oral and Poster presentations. The SI will be edited by Mylonas, CC., Bobe, J., Piferrer, F. and Schulz, R., who will coordinate the review process, according to the specific area of the submitted manuscripts.

Submission of the manuscript should be done through the regular platform of GCE, **beginning on 1 June 2023**, and the deadline for submitting a manuscript will be 31 August 2023, so that the review can be completed by the end of the year, and the SI published in the beginning of 2024. As before, manuscripts considered for publication should not necessarily include "endocrine" work or data, since the ISRPF includes research in all aspects of Fish Reproductive Physiology and not just endocrinology. However, they must come from work presented in the 12th ISRPF or by an author registered in the symposium presenting other work in the area of Fish Reproductive Physiology.



Final instructions and information



Sunday 14 May	Monday 15 May	Tuesday 16 May	Wednesday 17 May	Thursday 18 May	Friday 19 May
14:30 - 18:00	08:30 - 09:00	09:00 - 10:00	09:00 - 12:15	09:00 - 12:00	10:00 - 13:00
Registration	Welcoming	Plenary by Pr.	SS5. Climate change	SS6. Reproduction in	SS8. Behaviour &
	Dr. Constantinos	Daniel Pauly,	& anthropogenic	aquaculture	pheromones
	(Dinos) C. Mylonas,	UBC, Canada	impacts		
	HCMR, Greece				
			(10:30 -11:00	(10:30 -11:00	(11:30 -12:00
			Coffee break)	Coffee break)	Coffee break)
19:30	09:00 - 10:00	10:00 - 13:00	12:15 - 13:30	12:00 - 12:15	13:00 - 14:30
Welcome reception	Plenary by Dr. Sylvie	SS3. Oogenesis/	Lunch	Group Photo	Lunch
(dinner and drinks)	Dufour,	vitellogenesis &			
	CNRS, France	ovulation			
		(11:00 - 11:30			
	10.00 12.00	Coffee break)	12.20 10.20	10.15 10.00	44.20 48.20
	10:00 - 13:00	13:00 - 14:30	13:30 - 19:30	12:15 - 13:30	14:30 -17:30
	SS1. Sex determination &	Lunch	*Excursion to Knossos Palace	Lunch	SS9. Reproductive
	Differentiation		(Heraklion) or		biotechnologies
	Differentiation		Spinalonga Island		
	(11:00 - 11:30)		(Lasithi)		(16:00 - 16:30
	Coffee break)		(Lasiuii)		Coffee break)
	13:00 - 14:30	14:30-17:00		13:30 - 16:00	17:30 - 18:00
	Lunch	SS4. Spermatogenesis		SS7. Gamete & egg	Summary
	Lunon	& spermiation		guality	Birgitta Norberg
		et op trimation		quanty	IMR, Norway
	14:30-17:30	17:00-19:00		16:00 -18:00	18:00 - 18:30
	SS2. Brain- pituitary -	Poster 1		Poster 2	Closing
	gonad axis	(Odd numbers) &		(Even numbers) &	Dr. Constantinos
	(16:00-16:30	Coffee break		Coffee break	(Dinos) C. Mylona
	Coffee Break)			19:00	HCMR, Greece
				*Symposium Dinner	

Program at a glance

*Optional and at additional charge but free of charge for students with valid University ID.

Session chairs, co-chairs and State-of-the-art speakers

Special Session	Chair	Co-chair	State-of-the-art speaker
1. Sex determination and differentiation	Piferrer, Francesc	Chang, Ching- Fong	Shao, Changwei
2. Brain-pituitary-gonad axis	Levavi-Sivan, Berta	Golan, Matan	Golan, Matan
3. Oogenesis/vitellogenesis and ovulation	Rosenfeld, Hanna	Yilmaz, Ozlem	Yilmaz, Ozlem
4. Spermatogenesis and spermiation	Schulz, Rüdiger	Chauvigné, François	Crespo, Diego
5. Climate change and anthropogenic impacts	Norberg, Birgitta	Carnevali, Oliana	Servili, Ariana Moreira, Renata
6. Reproduction in aquaculture	Migaud, Hervé	Horvath, Akos	Akos Horvath
7. Gamete and egg quality	Bobe, Julién	Żarski, Daniel	Żarski, Daniel
8. Behaviour and pheromones	Duncan, Neil	Li, Weiming	Li, Weiming
9. Reproductive biotechnologies	Zohar, Yonathan	Yoshizaki, Goro	Yoshizaki, Goro

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Social activities

Welcome reception – Sunday 14 May 2023 (19:00)

The ISRPF 2023 Welcome Reception will take place at the Aldemar Knossos Royal Beach Resort, which offers the ideal scenery for welcoming the participants to Crete and to see old friends and colleagues, and meet new students and young researchers! The Welcome Reception is free for all participants, courtesy of the Hellenic



IRIDA



Aquaculture Producers Organization. We will get to sample fish from the Greek aquaculture industry, courtesy of Galaxidi Marine Farm SA.

Group Excursion - Wednesday 17 May 2023 after lunch (13:30)

Wednesday afternoon is devoted to socializing and networking. Participants may visit some of the most important historical sites of Crete, at an extra cost for regular registrants ($45-47\in$), but free for

students, courtesy of IRIDA SA. There are two options available: the Knossos Palace (Heraklion Region) or Spinalonga Island (Lassithi Region).

Guided tour to the Knossos Palace (the cradle of the Minoan Civilization)

Amongst all the ancient monuments in Crete, Knossos is the archaeological site that is a must-see in order to understand the greatness of the Minoan Civilization (2000 BC). The tour takes you to the island's capital, Iraklio (Heraklion), and from there onto the village of Knossos where you will be led through the ruins of the ancient palace complex: the labyrinth, galleries and rooms of the Palace, and the Royal Palace of King Minos, the son Zeus (the God of Gods, in Greek Mythology) and Europa, who gave her name to our continent! Return to the hotel is after approximately 5 hours. The excursion includes transfers to/from Knossos Palace



with luxury a/c coaches, a professional-official English-speaking guide per coach, and entrance fee and full guidance in Knossos Palace.

Guided tour to Spinalonga Island (a Venetian fortress, an Ottoman village and a Leper colony)



Participants will be picked up from the hotel and transferred to the town of Elounda and then with a 10 min boat ride across to the island of Spinalonga, which has an exceptionally interesting history. Once a Venetian Fortress built in 1579 and later an Ottoman village, in the 20th century it has become synonymous with human pain. In 1903, Spinalonga developed into a gathering place for people infected with Leprosy (Hansen's disease) from all over Crete, where they spent the rest of their life! Today, with the painful story forgotten, the colony is being

restored and it offers a pleasant visit with spectacular scenery! After this nice visit the boat will bring participants back at Elounda or Ag. Nikolaos. The excursion includes transfers to/from Elounda with luxury a/c coach, a professional-official English-speaking guide per coach, boat ride to/from Spinalonga Island, and entrance fee and full guidance to the Island.

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Symposium dinner – Thursday 18 May 2023, evening (19:00)

Due to the fact that the weather is not stable yet and the evenings are quite cool, the Symposium dinner will take place at a celebrations and event hall (Garden of the Senses, <u>https://www.facebook.com/kiposaisthiseon/?locale=el_GR</u>). The transfers between the venue and the hall will be done by coach, leaving the entrance of the venue (<u>Aldemar Knossos Royal Beach</u> <u>Resort</u>) at 19:00. One bus will depart from the hall to bring participants back to the hotel at 23:00. The remaining buses will depart from the restaurant between 24:00-01:00, depending on how the party goes!

The Symposium dinner is optional and at an extra cost for regular registrants (50 \in euro), but **free for students** (courtesy of IRIDA SA). We are sure that all will enjoy the hospitality and festive atmosphere in a local " $\gamma\lambda$ έντι" (translated as "party", pronounced "glendi") with Cretan food and folk dances, so get your ticket too!

Travel information

The venue of the 12 ISRPF will be the <u>Aldemar Knossos Royal Beach Resort</u>, located in the area of Chersonissos, Crete, Greece.

Since Crete is an island, you can arrive by airplane from Athens or directly from several European cities. The national airlines are **Aegean Airways and Olympic Airways** (affiliated with **Star Alliance**). Crete is also accessible daily by ferry from Athens (Piraeus Harbor) and the trip takes 9 hrs (21:30 - 06:30). The venue is 25 km from the **international airport of Heraklion** (also spelled Iraklio), **"Nikos Kazantzakis" (HER).**

From the airport in Heraklion, you can get to the venue in Chersonissos by **bus** or **taxi**. You can also rent a car, from a large number of different companies (both International and local). Be careful if you will drive yourself. Greeks are notorious of being "adventurous" drivers, and the road system in Crete is not the best!

The **bus station** is located at the entrance of the airport site, at the right side of the traffic lights as you are looking away from the airport. The bus will get you from Heraklion Airport to Chersonissos in about 45 minutes, and the ticket will cost 3-5€. Tickets can be bought from the bus driver when boarding or in a ticket kiosk at the bus stop.

Taxis are available right at the exit of the airport building (arrivals). A taxi trip will last about 25 minutes, and its cost is $40-50 \in$.

So, pack your bags, get your presentation ready and/or poster printed, and come to Crete for one more version of the ISRPF! We are waiting to greed you and spent an unforgettable time together!

Seer you soon!

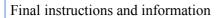
Constantinos (Dinos) C Mylonas

President of the Scientific Program Committee Director, Institute of Marine Biology, Biotechnology and Aquaculture Hellenic Centre for Marine Research Heraklion, Crete, Greece <u>mylonas@hcmr.gr</u> <u>imbbc.hcmr.gr</u>



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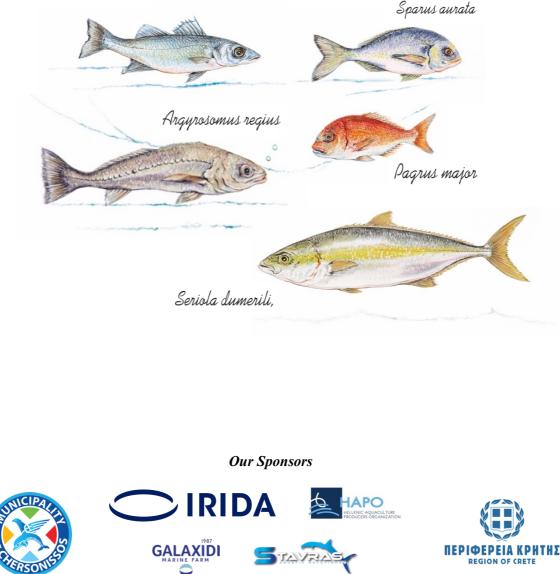
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Scientific Program Committee

Julién Bobe, INRA, France Hervé Migaud, MOWI, Scotland Adelino VM Canário, Uni Algarve, Portugal José Antonio Muñoz Cueto, Uni Cadiz, Spain Birgitta Norberg, IMR, Norway Oliana Carnevali, Polytechnic Uni of Marche, Italy Duncan Neil, IRTA, Spain Francesc Piferrer, ICM-CSIC, Spain Yoav Gothilf, Uni Tel Aviv, Israel Hanna Rosenfeld, NCM-IOLR, Israel Olivier Kah, CNRS, France Rüdiger Schulz, Uni Utrecht, Netherlands Yonathan Zohar, IMET-Uni Maryland, USA Berta Levavi-Sivan, Uni Jerusalem, Israel Evaristo Mañanos, IATS-CSIC, Spain Fish cultured in Greece and the Mediterranean Sea Dicentrarchus labrax



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