

## **E-lasmo Conference 2022**

### **Day One**

0.00	Welcome and Introduction	Dr Rob Jones
0.10	Epaulette Sharks as a Chondrichthyan Model for Studying Evolution and Development	Rebecca Dale
0.25	Understanding Aggressive and Dominance Relationships to Guide Management of Ex situ <i>Carcharhinus melanopterus</i>	Jennie Janssen
0.45	AZA SAFE International Census of Chondrichthyans in Human Care	Jennie Janssen
1.15	Bowmouth Guitarfish – An Evolution of Species Management from Local to International Applications within the Aquarium and Zoo Industry	Jolene Hanna/Jen Hazeres
1.45	Do Elasmobranchs feel pain ?	Dr Rob Jones
2.00	<b>BREAK</b>	
2.30	The Secret Life of the If/Then Contingency: Six Hidden Ways the 4 Quadrants are Impacting your Training	Barbara Heidenreich
3.00	Chondroma in a Southern Fiddler Ray	Dr Chris Cheng
3.30	Leveraging reproductive research to support the rewilding of <i>Stegostoma tigrinum</i> in Indonesia	Drs Kady Lyons/Jennifer Wyffels
4.00	Closing Remarks	Dr Rob Jones

### **Day Two**

0.00	Welcome and Introduction	Dr Rob Jones
0.10	Epizootic Scuticociliatosis in wild Leopard Sharks ( <i>Triakis semifasciata</i> ) from San Francisco Bay, California (USA) caused by <i>Miamiensis avidus</i> .	Dr Mark Okihiro
0.40	Blood for Dummies: a no frills look at blood values in fish and elasmobranch relating to overall health	Erika Pinney
1.10	A clinical case of <i>Stegostoma fasciatum</i> sepsis caused by lactobacilli	Irina Meintser
1.35	Elasmobranch Osmoregulation	Dr Rob Jones
2.05	<b>BREAK</b>	
2.35	<i>Carcharhinus plumbeus</i> reproduction at the Oceanografic of Valencia	Carlos Taurá Pardo
3.05	Bonnethead Shark ( <i>Sphyrna tiburo</i> ) Rearing, Days 1 – 425	Kayla Melton/Brendan Gilloffo
3.25	Shifts in body condition of the epaulette shark ( <i>Hemiscyllium ocellatum</i> ) across life stages	Dr Carolyn Wheeler
3.50	Closing Remarks	Dr Rob Jones

### Day Three

- 0.00 Welcome and Introduction
- 0.10 Learning Ability in Ginglymostomatidae Family with Positive Reinforcement Training
- 0.30 Target Training *Stegostoma tigrinum* for Voluntary Husbandry Results
- 0.50 Breeding and training *Stegostoma fasciatum* in Loro Parque
- 1.20 Naturalistic habitats can improve Elasmobranch welfare by reducing stereotypic behaviours and increasing space use
- 1.40 Rubbing noses with Cownose Rays
- 2.10 **BREAK**
- 2.40 Neurological signs in a White Tip Reef Shark: When an old problem, becomes a new problem
- 3.10 Innovations in operational diving – technology can be our friend in saltwater environments!
- 3.40 The tessellated cartilage of sharks and rays and what it means for skeletal growth, repair and mechanics
- 4.10 Closing Remarks

Dr Rob Jones  
Dávid Mucsi  
Clinton Karger/Taylor Street  
Pedro Callejas  
Kristie Lawrence  
  
Dr Luke Ross  
  
Dr Astrid Loch-Wilkinson  
Ade Lynch / Denice Askebrink  
Ass Prof Mason Dean  
Dr Rob Jones

### Day Four

- 0.00 Welcome and Introduction
- 0.10 Post Birth Procedures of Sand Tiger Sharks in Zoos and Aquaria
- 0.40 Elasmobranch Transport: Why More than How
- 1.20 Hammering Out Hammerhead Husbandry: Lessons learned in the husbandry of *Sphryna lewini*, and designing a new exhibit to specifically meet their unique requirements.
- 1.40 Saving sawfishes in Mexico using cutting-edge science
- 2.10 **BREAK**
- 2.40 Thyroid Disease in Elasmobranchs
- 3.10 Rigid endoscopic evaluation of gill health, an integral diagnostic for teleost quarantine
- 3.30 Who said rays cannot get cancer? Case Review: Melanoma in a Blotched Fantail Ray
- 3.50 Closing Remarks

Dr Rob Jones  
Yousef AL-Ruwaished  
Dr Brian Joseph  
Melissa Bishop  
  
Dr Ramón Bonfil  
  
Dr Brett De Poister  
Dr Claire Madden  
Dr Claire Madden  
Dr Rob Jones