

44th Larval Fish Conference - Schedule of Talks (all times EDT)

	Theme	Paper Number	Paper Title/Event	Authors (* presenting; **student presenting)	Institution	Country
Wednesday, June 23						
14:00 - 16:00			Pre-Conference Mixer #1			
18:00 - 20:00			Pre-Conference Mixer #2			
Thursday, June 24						
<u>Session 1</u>						
11:15		Keynote 1	Sue Sponaugle - "Field of Dreams: Maximizing the Value of Ichthyoplankton Datasets"			
11:45	Recruitment Processes	RP01	Phenology and environmental drivers of glass eels recruitment in a Mediterranean lagoon	Raphael Lagarde*, Jason Peyre, Elsa Amilhat, Francois Bourrin, Alexandre Perrault, Gal Simon, Elisabeth Faliex (raphael.lagarde@univ-perp.fr)	Universite de Perpignan	France
12:00	Recruitment Processes	RP02	Fish larvae drift in regulated large alpine rivers- a case study from the River Inn	Christoffer Nagel*, Melanie Mueller, Joachim Pander, Bernhard C. Stoeckle, Ralph Kuehn, Juergen Geist (christoffer.nagel@tum.de)	Technical University of Munich	Germany
12:15	Recruitment Processes	RP03	Liver condition of 0 and 1-group cod (Gadus morhua) in the Barents Sea	Oyvind Langnes, Elena Eriksen, Arild Folkvord* (arild.folkvord@uib.no)	University of Bergen	Norway
12:30	Recruitment Processes	RP04	Physiological modelling helps pinpoint processes contributing to the recent recruitment failure of North Sea herring	Anna Akimova, Gregor Boerner, Cindy van Damme, Myron A. Peck, Marta Moyano (anna.akimova@thuenen.de)	Thuenen-Institute of Sea Fisheries, Germany	Germany
12:45	Recruitment Processes	RP14	Personality in a temperate pelagic fish larva may affect recruitment in nursery habitats	V. Baptista*, Claudio Carere, Pedro Morais, Joana Cruz, Francisco Leitao, Maria Alexandra Teodesio (vcbaptista@ualg.pt)	Centre of Marine Sciences (CCMAR) - University of Algarve	Portugal
13:00 - 14:15			<i>Early Career Workshop</i>			
<u>Session 2</u>						
14:15	Larval Assemblages	LA01	Spatial, intra and interannual changes of summer larval fish assemblages and influence of environmental conditions in Antalya Bay, North-Eastern Mediterranean	Sinan Mavruk*, Cihan Toslak, Fatma Banu Yalim, Äzga, Fethi Bengil, Meltem Ok, Ahsen Yuksek (smavruk@cu.edu.tr)	Cukurova University	Turkey
14:30	Larval Assemblages	LA02	Distribution of larval coregonines in southern Lake Erie	Stacy Provo, April Simmons, Robin DeBruyne, Hannah Schaefer, Dimitry Gorsky, Brendan Nee, Stacey Ireland, Edward Roseman (sprovo@contractor.usgs.gov)	University of Toledo	USA
14:45	Larval Assemblages	LA03	Comparison of ichthyoplankton with contrasting life histories as function of oceanographic variables in the Gulf of Mexico	Dauden-Bengoia G**, Jiminez-Rosenberg SPA, Fernandez-Alamo MA, Ordoez-Lopez U, Echeverri-Garcia, LP, Herzka SZ (dauden@cicese.edu.mx)	CICESE	Mexico
15:00	Form, Function, Development	FF01	Understanding larval development of burbot (<i>Lota lota</i>) and its role in their persistence throughout North America	Thornton Ritz** and Jill B.K. Leonard (thritz@syr.edu)	SUNY-ESF	USA
15:15	Form, Function, Development	FF02	Larval period duration and the timing of lateral line development in brook trout (<i>Salvelinus fontinalis</i>)	Aubree E. Jones**, Matthew J. O'Donnell, Amy M. Regish, Jacqueline F. Webb (aubree_jones@uri.edu)	University of Rhode Island	USA
15:30	Form, Function, Development	FF03	Uncoding comparable morphologies: Using genetics, morphological traits, and machine learning to calibrate classification	E.T. Mason**, L. Buckeley, A.C. Salazar Sawkins, A.R. Thompson, W. Watson, B.X. Semmens (etmason@ucsd.edu)	Scripps Institution of Oceanography, UCSD	USA
BREAK						
<u>Session 3</u>						
18:15	Recruitment Processes	RP06	Oceanographic and trophodynamic underpinnings of anchovy success in the northern California Current	Kelsey Swieca**, Su Sponaugle, Mortiz Schmid, Robert K. Cowen (swiecak@oregonstate.edu)	Hatfield Marine Science Center, Oregon State University	USA
18:30	Recruitment Processes	RP07	Trophic shifts in larval diet explains booms and busts of Northern Anchovy	Rasmus Swaethorp*, Michael R. Landry, Brice X. Semmens, Lihini Aluwihare, Dereka Chargualaf, Andrew R. Thompson (rswaethorp@ucsd.edu)	Scripps Institution of Oceanography, UC San Diego	USA
18:45	Recruitment Processes	RP08	Tortoise and Hare: distinct early growth strategies in a groundfish persist in a seasonally variable environment	Megan N. Wilson**, Kirsten Grorud-Colvert, Su Sponaugle (wilsomeg@oregonstate.edu)	Oregon State University	USA

19:00	Recruitment Processes	RP09	Larval recruitment variability and sampling design interact to influence the detectability of marine reserve effects	Jess Hopf (jess.hopf@oregonstate.edu)	Oregon State University	USA
19:30 - 22:00			Poster Session I and Meet Today's Speakers			
Friday, June 25						
Session 4						
11:15	Form, Function, Development	FF04	Accelerating morphological disparity during ontogeny leads to two convergent morphotypes in the three-spine stickleback	Michaela Kolker**, Ken Thompson, Asli Munzur, Prof. Dolph Schluter, Prof. Shai Meiri, Roi Holzman (kolkermi@mail.tau.ac.il)	Tel Aviv University	Israel
11:30	Form, Function, Development	FF05	Using ultrasound for the monitoring and control of larval development of gilthead seabream (<i>Sparus aurata</i>) in tanks.	V. Puig-Pons, A. Ladino**, V. Espinosa, I. Perez-Arjona, A. Ortega, F. de la Gandara (fernando.delagandara@ieo.es)	Spanish Institute of Oceanography (IEO)	Spain
11:45	Form, Function, Development	FF06	Ontogeny of the feeding apparatus of the White Croaker, <i>Genyonemus lineatus</i> (Sciaenidae)	Todd R. Clardy*, Alison L. Deary (tclardy@nhm.org)	Natural History Museum of Los Angeles County	USA
12:00	Form, Function, Development	FF07	Incorporation of dietary lipid and fatty acids into red Drum <i>Sciaenops ocellatus</i> eggs	Zhenxin Hou**, Lee A. Fuiman (zhenxin.hou@utexas.edu)	The University of Texas at Austin	USA
BREAK						
Session 5/6 (Parallel Sessions)						
12:30	Form, Function, Development	FF08	Captive rearing of Peruvian anchovy (<i>Engraulis ringens</i>): early development and growth modelling	Fanny Rioual*, Claudia Ofelio, Maryandrea Rosado-Salazar, Jhon Dionicio-Acedo, Myron A. Peck, Arturo Aguirre-Velarde (rioual.fanny@gmail.com)	Institut de Recherche pour le Developpement	France
	Larval Assemblages	LA04	The impact of the zooplankton size structure on foraging and growth of early herring larvae in the North Sea	Gregor Boerner**, Anna Akimova, Romain Frelat, Cindy van Damme, Myron A. Peck, Marta Moyano (gregor.boerner@uni-hamburg.de)	University of Hamburg	Germany
12:45	Form, Function, Development	FF09	Behavioral types correlate with gut microbiome in early-life stages of wild gilthead seabream	E. A. Pons*, R. Aspillaga, T. Rosselli-Mora, T. Viver, M. Signaroli, J. Sanllehi, M. Martorell, M. Barceli; J. A. (apons@imedea.uib-csic.es)	IMEDEA (CSIC-UIB)	Spain
	Larval Assemblages	LA05	Trophic niche partitioning of three larval Sciaenidae species in the north-western Gulf of Mexico	Shannan C McAskill**, Stormy Paxton, Simon J Geist (smcaskill@islander.tamucc.edu)	Texas A&M University Corpus Christi	USA
13:00	Form, Function, Development	FF10	Transgenerational acclimation of seabream (<i>Sparus aurata</i>) to ocean warming	Monica G. Mai*, Maria Rita Pegado, Rui Rosa, Pedro Pouso-Ferreira, Ana Mendes, Marta S. Pimentel (mcrsilva@fc.ul.pt)	MARE-University of Lisbon	Portugal
	Larval Assemblages	LA06	Comparison of larval and juvenile fish assemblage between newly created marsh terrace habitat and existing marsh habitat	April E. Simmons**, Allyse Ferrara, Solomon David, Quenton Fontenot (aprilsimmons1993@gmail.com)	Nicholls State University	USA
13:15	Form, Function, Development	FF11	Microbial communities of sargassum and associated microplastics influence juvenile gray triggerfish gut microbiome	Olivia Lestrade, Leila Hamdan, Anirban Ray, Robert Griffith, Frank J. Hernandez (olivia.lestrade@usm.edu)	The University of Southern Mississippi	USA
	Larval Assemblages	LA07	Ocean oases: Surface slicks are pelagic nurseries for larval coral reef, epipelagic & deep-water fishes.	Whitney JL*, Gove JM, McManus MA, Lecky J, Smith KS, Neubauer P, Phipps JE, Contreras EA, Kobayashi DR, Asner GP. (Jonathan.Whitney@noaa.gov)	NOAA - Pacific Islands Fisheries Science Center	USA
BREAK						
13:45	Commercial & Ornamental Aquaculture	AQ01	A framework for the selection of marine aquarium fishes to target for aquaculture	Brogan E. Holcombe, Savannah Lilyhorn, Danielle M. Contrada, Jennifer C. Dawson, Sydney Dennis, Paul A. Anderson* (paul@insightbyanderson.com)	Coral Reef Aquarium Fisheries Campaign	USA
	Recruitment Processes	RP10	Size, condition, and winter duration: Insights on winter survivorship of juvenile cod	Emilie A. Geissinger**, Chelsea R. Bloom; Robert S. Gregory; Benjamin J. Laurel, Paul V.R. Snelgrove (eageissinger@mun.ca)	Memorial University of Newfoundland and Labrador	Canada
14:00	Commercial & Ornamental Aquaculture	AQ02	Public aquariums as a potential source of marine fish for exhibits and conservation - Identification of eggs and larvae	Jessie Castanier**, Andrew Fields, John Scarpa, Simon Geist, David Portnoy (jessiecastanier@yahoo.com)	Texas State Aquarium, Texas A&M University-Corpus Christi	USA
	Recruitment Processes	RP11	Distribution and abundance of pelagic larval yellow perch in Lake St. Clair (US/Canada) and adjoining waters	Robin L. DeBruyne*, Taaja R. Tucker, Clara Lloyd, Andrew S. Briggs, Megan Belore, Edward F. Roseman (robin.debruyne@utoledo.edu)	University of Toledo	USA
14:15	Commercial & Ornamental Aquaculture	AQ03	Comparative biology of early life stages of over 300 temperate freshwater fishes based on an updated STOREFISH database	P. Venturelli*, T. Blevins, S. Hawkins, A. McCord, Z. McDonald, S. Minhinnett, J. Schwer, S. Teletchea, F. Teletchea* (fabrice.teletchea@univ-lorraine.fr)	Universite de Lorraine	France
	Recruitment Processes	RP12	Changes in density and growth of larval lake whitefish after ecosystem changes in Lake Huron	Katelyn Cunningham**, Erin Dunlop (katelyncunningham@trentu.ca)	Trent University	Canada
14:30	Commercial & Ornamental Aquaculture	AQ04	FishSizer: A new software solution for efficiently sizing fish larva	Jeppe Have Rasmussen*, Rebekah Alice Oomen, Marta Moyano (jeppe.h.rasmussen@uia.no)	Centre for Coastal Research, Department of Natural Sciences, University of Agder	Norway
	Recruitment Processes	RP20	A first glimpse into the larval ecology of halibut species in the Gulf of St. Lawrence, Canada	Leopold Ghinter* (leopold.ghinter@uqar.ca)	Université du Québec à Rimouski - Institut des Sciences de la Mer	Canada

14:45	Commercial & Ornamental Aquaculture	AQ11	Ontogenetic shift and lateralized swimming behavior in atlantic halibut (<i>Hippoglossus hippoglossus</i>)	P. Perrichon*, A. Sae, T. Furmanek, T. Harboe, B. Norberg (prescilla.perrichon@gmail.com)	Institute of Marine Research	Norway
	Recruitment Processes	RP06	So close yet so far? Assessing distribution and connectivity of Fuegian sprat early life stages in the SWAO	Virginia A. Garcia Alonso**, Barbara C. Franco, Vincent Combes, Elbio D. Palma, Marcelo Pagaro, Fabiana L. Capitanio (garciaalonso.v.a@gmail.com)	Universidad de Buenos Aires	Argentina
15:00 - 16:00			Poster Session II and Meet Today's Speakers			
Session 7						
18:15		Keynote 2	Andrea Frommel - "Sweat the small stuff: How local conditions can shape the sensitivity to climate change"			
18:45	Climate change effects	CC02	Spatiotemporal patterns in early life stage winter flounder highlight phenology changes and habitat dependencies	M. Conor McManus*, Joseph A. Langan, Richard J. Bell, Jeremy S. Collie, Grace Klein-MacPhee, Michael D. Scherer, Richard G. Balouskus (conormcmanus@gmail.com)	RIDEM Division of Marine Fisheries	USA
19:00	Climate change effects	CC01	How ocean acidification may alter natural selection on larvae: A case study of California grunion	Johnson, D.W. (darren.johnson@csulb.edu)	California State University, Long Beach	USA
19:15	Climate change effects	CC03	Sailboats and fish larvae : a combo with the wind in their sails	Caroline Bouchard (cabo@natur.gl)	Greenland Institute of Natural Resources	Greenland
19:30	Form, Function, Development	FF12	A study of tiny shapeshifters: microCT scanning of a rare collection of giant sunfish larvae (<i>Molidae, Mola alexandrinii</i>)	Marianne Nyegaard*, Tom Trnski (mnyegaard@aucklandmuseum.com)	Auckland Museum	New Zealand
19:45	Form, Function, Development	FF13	Movement of glass eel <i>Anguilla marmorata</i> (<i>Anguilliformes: Anguillidae</i>) exposed to different salinity levels	Goldyn Anne G. Aquino**, Patrick C. Cabaitan, David H. Secor (goldynanne.g.aquino@isu.edu.ph)	Isabela State University	Philippines
20:00 - 22:00			Meet Today's Speakers/Networking Hour w/ ELHS mentors			
Saturday, June 26						
Session 8						
11:15		Keynote 3	Judy St.Leger - "Meeting Aquaculture needs with Research and Production"			
11:45	Climate change effects	CC04	Effect of upwelling intensity and light regime on larval fish growth: a mesocosm study in the Humboldt Current System	M Sswat*, C Ofelio, S Goldenberg, A Aguirre Velarde, F Rioual, MA Peck, C Clemmesen, M Moyano, U Riebesell (msswat@geomar.de)	GEOMAR Helmholtz Centre for Ocean Research Kiel	Germany
12:00	Climate change effects	CC05	Deleterious effects of the deadly trio (warming, acidification, and deoxygenation) on fish early ontogeny	Marta S. Pimentel*, Catarina Santos, Maria Rita Pegado, Eduardo Sampaio, Pedro Pousao-Ferreira, Rui Rosa (marta.pims@gmail.com)	MARE-University of Lisbon	Portugal
12:15	Climate change effects	CC06	Can herring larvae cope with global changes (warming, acidification, food quality)? A multi-stressor experiments	Lea J. Joly**, Jose-Luis Zambonino-Infante, Carolina Giraldo, Cedric L. Meunier (lea.joly@ifremer.fr)	IFREMER	France
12:30	Climate change effects	CC07	Ocean acidification but not elevated spring warming threatens a European seas predator	Katharina Alter*, Myron A. Peck (Katharina.alter@nioz.nl)	Royal Netherlands Institute for Sea Research	Netherlands
12:45	Climate change effects	CC08	Effects of temperature and prey density on growth, otoliths and thermal tolerance of lab-reared Peruvian anchovy larvae	C. Ofelio*, M. Moyano, M. Sswat, F. Rioual, F. Moulec, A. Aguirre-Velarde, MA Peck (claudia.ofelio@uni-hamburg.de)	Hamburg University	Germany
13:00	Climate change effects	CC09	Effects of acute and long-term exposure to warming on the escape response and aerobic scope of white seabream juveniles	João Almeida, Ana R. Lopes, Ana F. Lopes, Laura Ribeiro, Ana M. Faria* (afaria@ispa.pt)	MARE-ISPA	Portugal
BREAK						
13:30	Form, Function, Development	FF14	Comparative analysis of the embryogenesis of three syngnathids provides insights into the development of these fishes	Ralf Friedrich Schneider*, Joost M Woltering, Dominique Adriaens, Olivia Roth (rschneider@geomar.de)	Helmholtz Centre for Ocean Research Kiel (Geomar)	Germany
13:45	Form, Function, Development	FF15	Caudal-fin skeleton of atherinomorphs: Development reveals convergences	Thieme, Philipp** (phil.thieme2016@gmail.com)	German Oceanographic Museum	Germany
14:00	Recruitment Processes	RP19	Retention and Collection Efficiency of Egg Mats	Madeline Tomczak*, Brian Schmidt, Robin L. DeBruyne, Dustin Bowser, Jason L. Fischer, Gregory W. Kennedy, Nicole King, Christine M. Mayer, Edward F. Roseman (mtomczak@contractor.usgs.gov)	US Geological Survey	USA
14:15	Recruitment Processes	RP13	Identifying physical oceanographic variables driving larval redfish (<i>Sebastes</i> sp.) - Growth in the Gulf of St. Lawrence	Corinne Burns**, P. Pepin, G. Veillet, S. Plourde, P. Sirois, D. Roberet (Corinne.Burns@uqar.ca)	Université du Québec à Rimouski - Institut des Sciences de la Mer	Canada
BREAK						
14:30 - 16:00			Meet Today's Speakers & Networking Hour w/ ELHS mentors			
BREAK						

Session 9						
18:15	Commercial & Ornamental Aquaculture	AQ05	Temperature effects on larval sablefish (<i>Anoplopoma fimbria</i>)	Jonathan Lee*, Matt Cook, Adam Luckenbach, Barry Berejikian, Crystal Simchick, Rick Goetz (jon.lee@noaa.gov)	NOAA Fisheries	USA
18:30	Commercial & Ornamental Aquaculture	AQ06	Developing larval culture protocols for hogfish (<i>Lachnolaimus maximus</i>) to minimize the use of live feeds	Casey A. Murray**, Nathan D. Evans, Sarah W. Hutchins, Fred A. Shopnitz, Cortney L. Ohs, Joshua T. Patterson, Angela B. Collins, Matthew A. DiMaggio (casey.murray@ufl.edu)	University of Florida	USA
18:45	Commercial & Ornamental Aquaculture	AQ07	Metabolic rate responses to different salinity levels in reared larval spotted seatrout	Daniel Hardin**, Ivonne R Blandon, Simon J Geist (dhardin1@islander.tamucc.edu)	Texas A&M University Corpus Christi	USA
BREAK						
19:15	Recruitment Processes	RP15	Trophic ecology of billfish larvae in the Gulf of Mexico: An analysis of eiet and prey availability and predator growth	April Hugi**, Frank Hernandez (april.hugi@usm.edu)	University of Southern Mississippi	USA
19:30	Recruitment Processes	RP16	No-take zones of the Great Barrier Reef provide most of the larval supply of coral grouper to fished areas	Michael Bode, Severine Choukroun, Michael Emslie, Nina Gerber, Hugo B Harrison, Jeffrey M Leis*, Luciano B Mason, David H Williamson, Geoffrey P Jones (jeffrey.leis@utas.edu.au)	University of Tasmania	Australia
19:45	Recruitment Processes	RP17	Confirmation of recovery distances of the Three Gorges Dam by larval fish assemblages in the Yangtze River	Juan Cao**, Fei Cheng, Songguang Xie (caojuan@ihb.ac.cn)	Institute of Hydrobiology, Chinese Academy of Sciences	China
20:00	Recruitment Processes	RP18	A novel approach for estimating growth and mortality of fish larvae	Charles Hinchliffe**, Pierre Pepin, Iain M. Suthers, Daniel S. Falster (c.hinchliffe@unsw.edu.au)	University of New South Wales	Australia
20:15 - 22:00			Conference Closeout and Meet the Speakers			