

TUESDAY, November 17

PLENARY

Tuesday, November 17 08:30 - 10:20 Almofala Room

08:30 OPENING

09:00 Adalberto Val, INPA Director

EFFECTS OF CLIMATE CHANGES ON AQUACULTURE

09:40 Farshad Shishehchian, Blue Aqua International Director

REVIEW OF AQUACULTURE INDUSTRY, ITS GROWTH AND CHALLENGES

MARICULTURE

Tuesday, November 17 11:00 - 13:00 Sala 1

Chairs: Patricia Abelin, Felipe Suplicy

11:00 Artur Rombenso, André De Araújo, Patricia Abelin, Luís Sampaio

SHELLFISH PRODUCTION IN SOUTHERN REGION OF RIO DE JANEIRO STATE, BRAZIL

11:20 Vianys Agudelo, Adriana Rodríguez, Wensy Vergara

REPRODUCTIVE BIOLOGY OF SEA CUCUMBER *Stichopus* sp.

11:40 Ana Pombo, Filipa Santos, Daniela Pratas, Teresa Baptista

SEA CUCUMBERS AQUACULTURE, PROTEIN EVALUATION OF BROODSTOCK CONDITIONING

12:00 Adriqana Rodriguez, Anderson Guerrero

PRODUCTION OF JUVENILE SEA URCHIN *Lytechinus variegatus* IN LABORATORY CONDITIONS

12:20 Felipe Matarazzo Suplicy

ESSAYS ON REMOTE SETTING OF MUSSEL *Perna perna* SPAT

12:40 Patricia Abelin

SCALLOP FARMING AS A SUBSISTENCE ACTIVITY IN COASTAL FISHING COMMUNITIES ALONG THE SOUTHEAST COASTAL REGION IN BRAZIL: LESSONS AND OPPORTUNITIES

PRODUCTION SYSTEMS

Tuesday, November 17 11:00 - 13:00 Sala 2

Chair: Walter Vasquez

- 11:00 Rafael Dias Pinto**, Humberto M. F. Madeira, Ana Paula Baldan, André Heisler, Carolina Giembra, Mariana Werner
DIETS OF PLANT SOURCES: PRODUCTIVE PERFORMANCE OF JUVENILE GRASS CARP *Ctenopharyngodon idella*
- 11:20 Adolfo Jatobá**, Anderson Sloboda, Álvaro C. Grocholski, Luiz Henrique da Silva, Luiz Sérgio Moreira, Bruno Corrêa da Silva
INFLUENCIA DA DENSIDADE DE ESTOCAGEM NO CULTIVO DE LAMBARIS
- 11:40 Daercy M. M. R. Ayroza**, Luiz M. S. Ayroza, Márcia D. Oliveira, Clóvis F. Carmo
LIMNOLOGICAL VARIABLES ASSOCIATED TO THE DEVELOPMENT OF THE GOLDEN MUSSEL IN FISH CAGE FARMING

SHRIMP FARMING SYMPOSIUM FENACAM

Tuesday, November 17 11:00 - 13:00 Sala 4

Chair: Itamar de Paiva Rocha

AQUACULTURE SYMPOSIUM FENACAM

Tuesday, November 17 11:00 - 13:00 Sala 7

Chair: Itamar de Paiva Rocha

REPRODUCTION

Tuesday, November 17 11:00 - 18:40 Sala 3

Chair: Eduardo Sanches

- 11:00 Teresa Baptista**, Hugo Morais, Ana Pombo
EFFECT OF DIET ON GROWTH, SURVIVAL AND GAMETOGENESIS OF *Hediste diversicolor* (O.F. MULLER, 1776)
- 11:20 Danielle Zanerato Damasceno**, Eduardo Antônio Sanches, Glaucia Mara Rorato Maccari, Maykon Rodrigo Lecheski da Costa, Dayane Zanerato Damasceno, Adilson Reidel, Wilson Rogério Boscolo, Fábio Bittencourt, Elizabeth Romagosa
ARGININA NA CONCENTRAÇÃO ESPERMÁTICA DE *Rhamdia quelen* MANTIDOS EM TANQUES-REDE

- 11:40 Mariana Evangelista**, Mayara Pereira, Fábio Sussel, Elizabeth Romagosa
MANIPULATION OF ENVIRONMENTAL CONDITIONS ON THE CONTROL OF
YELLOWTAIL TETRA *Astyanax altiparanae* SPAWNING PERIOD
- 12:00 Matheus Pereira dos Santos**, Nivaldo Ferreira do Nascimento,
Paulo André de Andrade Santos, Rafaela Manchin Bertolini,
Regiane Cristina da Silva, José Augusto Senhorini, George Shigueki Yasui,
Laura Satiko Okada Nakaghi
A PROTOCOL FOR SHORT-TERM STORAGE OF *Astyanax altiparanae* OOCYTES
FOR SUBSEQUENT APPLICATION IN ANDROGENESIS
- 12:20 Lenildo Araújo da Silva**, Pamela Virgulino Freitas, Aliny Borges Sousa,
Bruno Brito Barbosa, Daniel Voloski Guasselli, Lenon José de Azevedo da Silva,
Luciano Domingues Queiroz
FECUNDIDADE DE CURIMATÁ *Prochilodus nigricans* SUBMETIDOS À INDUÇÃO
HORMONAL EM TUCURUÍ, PARÁ , BRASIL
- 12:40 Alexander Torres-Tabares**, J. A. Ramírez-Saray, V. M. Medina-Robles,
J. A. Ramírez-Merlano, P. E. Cruz-Casallas, E. Aya-Baquero, M. A. Pinzón-Daza,
E. Quiroga- Sánchez, Y. M. Velasco-Santamaría
INDUCED REPRODUCTION AND EMBRYONIC DEVELOPMENT OF *Leporinus
friderici* (BLOCH, 1974)
- 13:00 LUNCH**
- 14:30 Thiago Marinho-Pereira**, Paulo Almeida, Lian Brandão, Luz Marina Rincon,
Fernanda Almeida
HIPÓSIFE DE PEIXES AMAZÔNICOS PARA A REPRODUÇÃO ARTIFICIAL DO
TAMBAQUI
- 14:50 Lucas Torati**, Adriana F. Lima, Pedro E.C. Mesquita, John B. Taggart, Amaya Albalat,
John Taylor, Herve Migaud
ADVANCES INTO THE CAPTIVE REPRODUCTION OF THE AMAZON PIRARUCU
(OSTEOGLOSSIDAE: *Arapaima*)
- 15:10 Gabriel Passini**, Cristina Vaz Avelar de Carvalho, Fabio Carneiro Sterzelecki,
Manecas Francisco Baloi, Virginia Naide Silva, Bruna Michelotti, Caio Magnotti,
Fabiola Santiago Pedrotti, Vinicius Ronzani Cerqueira
REPRODUÇÃO E LARVICULTURA DA TAINHA *Mugil liza* NO ESTADO DE SANTA
CATARINA
- 15:30 Juan Ortiz Tirado**, L. Valladares
EFECTO MODULADOR DEL 17 β ESTRADIOL EN LA REPRODUCCIÓN DE
Oreochromis niloticus COMO MODELO BIOLÓGICO PARA ESPECIES
ASINCRÓNICAS

15:50 Carmen García-Dávila, José Villacorta, Diana Castro-Ruiz, Werner Chota, Carlos Angulo, Sophie Quérouil, Jesús Núñez, Uwe Römer, Fabrice Duponchelle, Uwe Römer, María J. Darias, Jean-François Renno
DETERMINACIÓN DE LA IDENTIDAD TAXONÓMICA DE *Pseudoplatystoma punctifer* Y SU IMPORTANCIA PARA LA DOMESTICACIÓN

16:10 BREAK

17:00 Lucas Henrique Piva, Mariana Evangelista, Leonardo Luiz Calado, Letícia Veroni Dragone, Paulo André Andrade Santos, Rafaela Manchin Bertolini, José Augusto Senhorini, George Shigueki Yasui
ARTIFICIAL HYBRIDIZATION OF *Astyanax altiparanae* USING SPERM FROM VARIOUS TETRA SPECIES

17:20 Diógenes Siqueira-Silva, Amanda P.S. Silva, José A. Senhorini, Alexandre Ninhaus-Silveira, Rosicleire Veríssimo-Silveira
ISOLATION AND TRANSPLANTATION OF SPERMATOGONIA OF *Brycon orbignyanus* IN *Astyanax altiparanae*

SEAWEEDS & ALGAE

Tuesday, November 17 14:30 - 16:10 Sala 1

Chairs: Darlio Inácio Alves Teixeira

14:30 Olívia Gemael, Alysson Azevedo, Leila Hayashi, Luis Hamilton Pospissil Garbossa, Katt Regina Lapa
ESTRUTURA DE CULTIVO INDOOR PARA MANUTENÇÃO DE MATRIZES DE *Kappaphycus alvarezii*

14:50 Ricardo Radulovich
AQUATIC AGRICULTURE ON SEA AND LAKES: OVERARCHING SOLUTIONS TO FOOD AND WATER LIMITATIONS

15:10 Ana Paula Felipe dos Santos, Laenne Moraes, Rildo Andrade, Jéssika Lima, Yllana Marinho, Alfredo Olivera Gálvez
AVALIAÇÃO DO CRESCIMENTO DA MICROALGA *Scenedesmusdimorphus* UTILIZANDO BIOFLOCO COMO MEIO DE CULTURA

15:30 Jéssika Lima de Abreu, Luis Otavio Brito, Laenne Moraes, Ana Paula Santos, Yllana Marinho, Alfredo Olivera
UTILIZAÇÃO DO RESÍDUO SÓLIDO DE UM SISTEMA BFT COMO MEIO DE CULTURA PARA PRODUÇÃO DA MICROALGA *Navicula* sp.

15:50 T. Behera, S. Dash, M. M. Behera, P. Swain, S. S. Mishra
ALGICIDAL EFFECTS OF ZNO, CUO AND SELENIUM NANOPARTICLES AGAINST HARMFUL BLUE GREEN ALGAL SPECIES

ALTERNATIVE FEED & AQUAFEEDS

Tuesday, November 17 14:30 - 18:40 Sala 5

Chairs: Daniel Lemos, Albert Tacon

- 14:30 Artur Rombenso**, Jesse Trushenski
UPDATE ON ALTERNATIVE LIPID RESEARCH IN COBIA FEEDS: INSIGHTS GAINED FROM RESEARCH AT SIUC
- 14:50 Mustafa Yildiz**, Irem Kose, Duran Ustek
EFFECTS OF DIFFERENT DIETARY LIPID SOURCES ON BODY FATTY ACID COMPOSITION AND GENE EXPRESSION OF JUVENILE RAINBOW TROUT
- 15:10 Katia R. B. Oliveira**, Elisabete M. M. Viegas, Julio G. Segura, Adja C. L. Medeiros
DIGESTIBILITY OF CORN DISTILLER'S DRIED GRAINS WITH SOLUBLES FOR *Piaractus mesopotamicus* JUVENILES
- 15:30 James A. Emery**, Giovanni M. Turchini
RETRO-ENGINEERING THE PROTEIN SPARRING EFFECT TO SPARE THE EVER-INCREASINGLY EXPENSIVE DIETARY N-3 LC-PUFA
- 15:50 Shahid Rana**, Khalid Al-Ghanim
REPLACING FISH MEAL WITH A BLENDS OF ALTERNATIVE PLANT PROTEINS ON THE GROWTH PERFORMANCE OF *Catla catla* AND *Hypophthalmichthys molitrix*
- 16:10 BREAK**
- 17:00 Daniel Lemos**, Rodrigo Carvalho, Fanny Yasumaru, Albert Tacon
DIETARY INCLUSION OF FEED INGREDIENTS UPON DIGESTIBILITY OF PROTEIN AND AMINO ACIDS IN PRACTICAL DIETS FOR JUVENILE WHITELEG SHRIMP *Litopenaeus vannamei*: IN VIVO AND IN VITRO ASSESSMENT
- 17:20 Sergio Nates**, Florentino Torres
USING FISH MEAL ANALOGS IN AQUACULTURE FEEDS: A REVIEW
- 17:40 Baba Usman Ibrahim**, Saidu Sagir
GROWTH PERFORMANCE OF *Clarias gariepinus* FED ON EARTHWORM *Lumbricus terrestris*
- 18:00 Cristielle Nunes Souto**, Igo Gomes Guimarães, Edma Carvalho de Miranda, Delma Machado Cantisani Pádua, Graciela Pessoa Martins, Jéssica Meireles Souza Cunha
THE FEASIBILITY OF USING SHRIMP MEAL IN DIETS FOR TAMBAQUI *Colossoma macropomum*

BIOFLOC

Tuesday, November 17 14:30 - 18:40 Sala 4
Chairs: Wilson Wasielesky, Maurício Emerenciano

- 14:30 Carlos Gaona**, Plínio Furtado, Fabiane Serra, Marcos Almeida, Veronica Viau, Luís Poersch, Wilson Wasielesky Jr.
CONTROLE DOS NÍVEIS DE BIOFLOCOS NO CULTIVO DE CAMARÕES E SUAS IMPLICAÇÕES COM A QUALIDADE DE ÁGUA E O DESEMPENHO DOS ANIMAIS
- 14:50 Delano Dias Schleder**, Priscila C. Rezende, Hortência V. Silva, Lincoln G. Coronel, Felipe N. Vieira, Edeemar R. Andreatta
USE OF ARTIFICIAL SUBSTRATES DURING PRE-NURSEY OF MARINE SHRIMP IN HETEROTROPHIC SYSTEM
- 15:10 Geraldo Fóes**, Júlio Zemor, João Xavier, Mariana Holanda, Luis Poersch, Wilson Wasielesky
INFLUÊNCIA DA QUANTIDADE DE BIOFLOCOS NO DESEMPENHO ZOOTÉCNICO DE *LitoPenaeus vannamei* EM VIVEIROS COM SISTEMA BFT
- 15:30 Ariane Martins Guimarães**, Esmeralda Chamorro Legarda, Joselle Cursino Redig, Marco Antonio Lorenzo, Walter Quadros Seiffert, Felipe do Nascimento Vieira
PRODUCTION OF PACIFIC WHITE SHRIMP JUVENILES IN BIOFLOC SYSTEM: DIFFERENT STOCKING DENSITIES
- 15:50 Gabriel B. Santos**, André Freitas, João Manoel C. Alves, Geraldo Kipper Fóes, Dariano Krummenauer, Wilson Wasielesky Jr.
UTILIZAÇÃO DE FARINHA DE PEIXE ANÁLOGA NA ENGORDA SUPERINTENSIVA DO CAMARÃO BRANCO *LitoPenaeus vannamei* EM SISTEMA DE BIOFLOCOS
- 16:10 BREAK**
- 17:00 Felipe do Nascimento Vieira**, Marysol Rodrigues, Norha Ramírez, Esmeralda Legarda, Ariane Guimarães, Fernanda Henriques, Débora Fracalossi, Walter Seiffert
DIETARY SUPPLEMENTATION WITH MANANOPROTEIN INCREASE THE SURVIVAL OF PACIFIC WHITE SHRIMP RAISED IN BIOFLOCS SYSTEM
- 17:20 Gabriele Lara**, Aline Bezerra, Bárbara Hostins, Luís Poersch, Wilson Wasielesky Jr.
RESTRIÇÃO ALIMENTAR E CRESCIMENTO COMPENSATÓRIO DE *LitoPenaeus vannamei* EM SISTEMA DE BIOFLOCOS: ANÁLISE DE ISÓTOPOS ESTÁVEIS
- 17:40 Dariano Krummenauer**, Bob Advent, Carlos Gaona, Geraldo Foes, Aline Bezerra, Alessandro Cardozo, Julio Zemor, Luis Poersch, Wilson Wasielesky Jr.
USE OF AERATION INJECTOR SYSTEM IN RACEWAY SUPER INTENSIVE CULTURE OF *LitoPenaeus vannamei* IN SOUTH BRAZIL

18:00 Aline Bezerra, Dariano Krummenauer, Luis H. Poersch, Wilson Wasielesky Jr.
USO DE ALIMENTADORES AUTOMÁTICOS NO CULTIVO SUPERINTENSIVO DO
CAMARÃO BRANCO *Litopenaeus vannamei* NA FASE DE ENGORDA EM SISTEMA
DE BIOFLOCOS

18:20 Hélder Santana de Lima, Marina Cunha Alves de Oliveira, Yllana Ferreira Marinho,
Luis Otávio Brito, Alfredo Olivera Gálvez
ANÁLISE DE CORRELAÇÃO ENTRE O FITOPLÂNCTON E A QUALIDADE DE
ÁGUA DO CULTIVO DE *Litopenaeus vannamei* EM BIOFLOCOS

ORNAMENTALS

Tuesday, November 17 14:30 - 18:40 Sala 2
Chairs: Monica Tsuzuki, Miguel Mies, Marcelo Shei

14:30 Mônica Yumi Tsuzuki, Ana Silvia Pedrazzani
STATUS OF RESEARCH ON MARINE ORNAMENTAL FISH PRODUCTION IN
BRAZIL

14:50 Miguel Mies
MARINE ORNAMENTAL AQUACULTURE: OBSTACLES, PROGRESS AND
BRAZILIAN SCENARIO

15:10 Teresa Baptista, Marcela França, Ricardo Passos, Rodolfo Ramos, Marina Machado,
Ana Pombo
ANEMONEFISH *Amphiprion percula* GROWTH UNDER DIFFERENT DIETS

15:30 Ana Paula Souza, Monica Yumi Tsuzuki, Bruna Lobo Dias, Ana Silvia Pedrazzani,
Lucas Zunder, Renata Ozorio
BEHAVIOR OF *Pomacanthus paru* AT REPRODUCTIVE STAGE DURING ATTEMPT
OF PAIR FORMATION IN CAPTIVITY

15:50 Mônica Yumi Tsuzuki, Daniela Gonçalves-Soares, Raoani C. Mendonça,
Brunno H. Schmidt, Ana Silvia Pedrazzani
FIRST REPORT OF BRAZILIAN BASSLET *Gramma brasiliensis* SPAWNING IN
CAPTIVITY

16:10 BREAK

17:00 Maik Hora, Ricardo Rodrigues, Jean Joyeux, Lília Santos, Levy Gomes,
Mônica Tsuzuki
TOLERÂNCIA E CRESCIMENTO DO CAVALO-MARINHO *Hippocampus reidi*
A DIFERENTES SALINIDADES

- 17:20 Nivaldo Ferreira do Nascimento**, Matheus Pereira do Santos, Paulo Andrade André dos Santos, Rafaela Malachias Bertolini, Lucas Henrique Piva, José Augusto Senhorini, George Shigueki Yasui, Laura Satiko Okada Nakaghi
TRIPLOID FEMALES INCREASE PRODUCTION IN THE YELLOWTAIL TETRA *Astyanax altiparanae*
- 17:40 Lucas Gabriel Sorrentino**, Renata Maria Guereschi, Anita Valença
AVALIAÇÃO DE DADOS DE CAPTURA DE TRÊS ESPÉCIES DA FAMÍLIA CICHLIDAE NA ÁREA DE ABRANGÊNCIA DAS USINAS DE ITÁ E MACHADINHO NO ALTO RIO URUGUAI
- 18:00 Lucas Gabriel Sorrentino**, Renata Maria Guereschi, Anita Rademaker Valença
AVALIAÇÃO DE DADOS DE CAPTURA DO GÊNERO *Hypostomus* NOS RESERVATÓRIOS DAS USINAS HIDRELÉTRICAS DE ITÁ E MACHADINHO NO ALTO RIO URUGUAI
- 18:20 Raoani Mendonca**, Wesley F. da Anunciação, Daner R. Ferreira, Mônica Y. Tsuzuki
EFEITO DA FOTOPERÍODO NO CRESCIMENTO, SOBREVIVÊNCIA E TEMPO DE METAMORFOSE DE LARVAS DO PEIXE-PALHAÇO *Amphiprion clarkii* (BENNETT, 1830)

IMTA, RAS & ARID LAND

Tuesday, November 17 17:00 - 18:40 Sala 1

Chairs: Marcelo Shei, Artur Rombenso

- 17:00 Renzo Pepe-Victoriano**, Héctor Aravena-Ambrosetti
CULTIVO DE TRUCHAS ARCOIRIS *Oncorhynchus mykiss* EN ZONAS ARIDAS, BAJO UN SISTEMA DE RECIRCULACIÓN, COMO ALTERNATIVA SUSTENTABLE Y DE DESARROLLO PRODUCTIVO PARA COMUNIDADES PRECORDILLERANAS DE LA REGIÓN DE ARICA Y PARINACOTA
- 17:20 Marcelo Shei**
SISTEMAS DE RECIRCULAÇÃO DE ÁGUA EM AQUICULTURA, AS POSSIBILIDADES PARA O BRASIL
- 17:40 Carlos León**
AQUAPONICS AS AN ALTERNATIVE FOR ARID AQUACULTURE PRODUCTION
- 18:00 Dallas Lee Flickinger**, Daniela Pimenta Dantas, Wagner Cotroni Valenti
THE BUDGET OF PHOSPHOROUS IN THE CULTURE OF THE AMAZON RIVER PRAWN *Macrobrachium amazonicum* AND TAMBAQUI *Colossoma macropomum* FARMED IN MONOCULTURE AND IN INTEGRATED MULTITROPHIC SYSTEMS
- 18:20 Fabiana Garcia**, Daiane M. Romera, Nadia S. Sousa, Eduardo M. Onaka, Igor P. Ramos, Denis W. J. Campos
POTENTIAL OF PERIPHYTON-BASED CAGE CULTURE OF NILE TILAPIA IN HYDROELECTRIC RESERVOIR

WEDNESDAY, November 18

TILAPIA

Wednesday, November 18 08:30 - 10:30 Sala 2

Chair: x

- 08:30 Renata Melon Barroso**, Manoel Xavier Pedroza Filho, Eric Arthur Routledge, Balbino Antônio Evangelista, Omar Jorge Sabbag, Fernando Jesus do Carmo, Ruy Albuquerque Tenório, Elda Fontinele Tahim
LONG DROUGHTS AND ITS IMPACTS ON THE TILAPIA'S MARKET IN BRAZIL
- 08:50 Renata Melon Barroso**, Manoel Xavier Pedroza Filho, Eric Arthur Routledge, Andrea Munoz, Roberto Valladão Flores, Javier Lopez Ríos
MUDANÇAS E TENDÊNCIAS DO MERCADO DA TILÁPIA NO BRASIL
- 09:10 Rafael Vilhena Reis Neto**, Luis Carlos Ferreira de Almeida, Rilke Tadeu Fonseca de Freitas, Aline de Assis Lago, Carlos Cicinato de Vieira Melo, Adriano Carvalho Costa
IDENTIFICATION OF TILAPIA *Oreochromis niloticus* STRAINS BY DISCRIMINANT ANALYSIS
- 09:30 Vagner Geronimo do Nascimento Santos**, Aldi Feiden, Iury Walysson de A. Melo, Joana D'arc M. Rocha, Rômulo B. Rodrigues, Fábio Bittencourt, Altevir Signor, Wilson Rogério Boscolo, Danielle Z. Damasceno, Matheus dos Santos Cardoso, Vinicius R. C. Bridi
RENDIMENTO INDUSTRIAL DE FILÉ DE TILÁPIA *Oreochromis niloticus* PRODUZIDOS EM VIVEIROS E TANQUES-REDE
- 09:50 Kedima Swyelle Pontes de Azevedo**, Maria Cristina dos Santos, Willian dos Santos Xavier, Samantha Chung, Diana Vieira Rocha, Álvaro José de Almeida Bicudo
DIETARY LIPID SOURCE AFFECT GROWTH PERFORMANCE OF NILE TILAPIA FINGERLINGS FED WITH L-CARNITINE
- 10:10 Manoel Peres Ribeiro**, Mayara Pereira, Mariana Evangelista, Raissa Cavalcanti, Guilherme Telli, Giovani Gonçalves, Elizabeth Romagosa
FEMALE TILAPIA BROODSTOCK FED WITH DIFFERENT LEVELS OF CRUDE PROTEIN

WATER QUALITY, TOXICOLOGY & ENVIRONMENT

Wednesday, November 18 08:30 - 10:30 Sala 1

Chairs: Levy Gomes, Luis Vinatea

- 08:30 Antonio Castro Santos Junior**, Maria Clara Alvino Silva do Prado, Glauber Pereira de Carvalho Santos, Ítala Gabriela Sobral dos Santos
PRELIMINARY ANALYSIS OF THE QUALITY OF SHRIMP FARMING WATER
Litopenaeus vannamei IN ILHA DE DEUS: METROPOLITAN REGION OF RECIFE, PERNAMBUCO, BRAZIL
- 08:50 Baba Usman Ibrahim**, Fatima U. Gambo Shehu
ASSESSMENT OF THE WATER QUALITY PARAMETERS OF TAGWAI RESERVOIR, MINNA, NIGER STATE, NIGERIA
- 09:10 Rose Meire Vidotti**
RESÍDUOS GERADOS NA AQUICULTURA: TECNOLOGIAS PARA AOTIMIZAÇÃO E/OU O APROVEITAMENTO
- 09:30 Katt Regina Lapa**, Camilla Adriano Wojcikiewicz, Eliziane Silva, Carla Van Der Haagen Custodio Bonetti, Felipe do Nascimento Vieira, Walter Quadros Seiffert, Luis Hamilton Pospissil Garbossa
WATER QUALITY LOAD DURING THE DRAIN HARVESTING OF TWO SHRIMP PONDS OF *Litopenaeus vannamei*
- 09:50 Guilherme Wolff Bueno**, Franscisco E. M. Bernal, Rodrigo Roubach, Guilherme C. Carvalho, James O. Skipper-Horton, Dominique P. Bureau
INTEGRATION OF THE HYDRODINAMIC MODEL WITH THE NUTRITIONAL BIOENERGETIC MODEL FOR THE EVALUATION OF THE CARRYING CAPACITY FOR TILAPIA PRODUCTION IN RESERVOIRS
- 10:10 Ana Pombo**, Daniela Machado, Marcela França, Hugo Morais, Mafalda Catarino, Carmen Pedro, Luana Granada, Susana Ferreira, Sílvia Gonçalves, Teresa Baptista
NATIVE ANNELID POLYCHAETES AQUACULTURE DEVELOPMENT AND POTENTIAL RISKS OF THE INTRODUCTION OF IMPORTED SPECIES

STRESS, PHYSIOLOGY & WELFARE

Wednesday, November 18 08:30 - 13:00 Sala 3

Chairs: Leonardo Barcellos, Ricardo Rodrigues

- 08:30 Denise Oliveira**, Igo G. Guimaães, Graciela P. Martins, Crístielle N. Souto, Bruno S. M. Mazini, Igo G. Guimarães, Graciela P. Martins, Crístielle N. Souto, Bruno S. M. Mazini
DIETARY RACTOPAMINE INDUCES CHANGES ON AMINO ACID AND FATTY ACID METABOLISM IN TAMBAQUI *Colossoma macropomuma*

- 08:50 Gicella B. do Nascimento**, Jhon E. Jimenez, Josiane Ribolli, Giuliano M. Huergo, Alex P. O. Nuñez
PERFORMANCE OF *Steindachneridion scriptum* JUVENILES ON DIFFERENT SALINITIES
- 09:10 Murat Arslan**, Selma Kacar, Erkan Altun, Sinem Gulen, Necdet Sirkecioglu, Ali Atasever, H. Ibrahim Haliloglu, Mevlut Aras
ANTIOXIDANT DEFENCE IN THE EARLY LIFE PHASE OF BROWN TROUT *Salmo trutta*
- 09:30 Janaina Pedron**, Ricardo V. Rodrigues, Marcelo H. Okamoto, Marcelo B. Tesser, Luís A. Sampaio
TRICAINE METHANESULPHONATE (MS222) AND EUGENOL AS ANESTHETICS FOR JUVENILE COBIA *Rachycentron canadum*
- 09:50 Giovanna R. Stringhetta**, Luis André L. Barbas, Lucas C. Maltez, Luís André Sampaio, José María Monserrat, Luciano O. Garcia
ANESTHESIA WITH BENZOCAINE ON JUVENILE TAMBAQUI *Colossoma macropomum*: EFFECT ON OXIDATIVE STRESS PARAMETERS
- 10:10 Lilian Nitz, Lucas Maltez**, Daniel Pinto, Giovanna Stringhetta, Lucas Pellegrin, Luciano Garcia, Carlos Prentice-Hernández
EFFECT OF EXPOSURE TO SUBLETHAL LEVELS OF UN-IONIZED AMMONIA ON HEMATOLOGICAL PARAMETERS AND FEED INTAKE OF PACU *Piaractus mesopotamicus*
- 10:30 BREAK**
- 11:00 Lucas Maltez**, Giovanna Stringhetta, Alain Danilo Montes, Marcelo Okamoto, José María Monserrat, Luís André Sampaio, Luciano Garcia
TOTAL ANTIOXIDANT CAPACITY IN LIVER TISSUES OF BRAZILIAN FLOUNDER *Paralichthys orbignyanus* EXPOSED TO SUB-LETHAL LEVELS OF UN-IONIZED AMMONIA
- 11:20 Ricardo Vieira Rodrigues**, Michael Schwarz, Jesse Trushenski, Brendan Delbos, Luis Alberto Romano, Luís André Sampaio
CHRONIC LOW PH AND HIGH NITRATE EXPOSURE ON JUVENILE COBIA *Rachycentron canadum* REARED IN RECIRCULATING AQUACULTURE SYSTEM
- 11:40 Luis André L. Barbas**, Luciano de O. Garcia, Lucas Maltez, Giovanna Stringhetta, José Maria Monserrat, Luís André Sampaio
TRANSPORT OF JUVENILE TAMBAQUI *Colossoma macropomum* WITH EXTRACTS OF CANELA-AMARELA *Nectandra grandiflora* AND JAMBÚ *Spilanthes acmella*: EFFECTS ON OXIDATIVE STRESS BIOMARKERS

12:00 **Janaína S. Pedron**, Ricardo V. Rodrigues, Marcelo H. Okamoto, Marcelo B. Tesser, Luís A. Sampaio
TRANSPORT OF JUVENILE COBIA *Rachycentron canadum*: EFFECTS OF SALINITY AND TEMPERATURE

SHRIMP FARMING SYMPOSIUM FENACAM

Wednesday, November 18 08:30 - 13:00 Sala 4
Chair: Itamar de Paiva Rocha

AQUACULTURE SYMPOSIUM FENACAM

Wednesday, November 18 08:30 - 13:00 Sala 7
Chair: TBA

TILAPIA ECONOMIC FORUM FENACAM

Wednesday, November 18 08:30 - 18:40 Sala 7
Chair: Sergio Zimmerman

IMMUNOLOGY, HEALTH & DISEASE

Wednesday, November 18 11:00 - 12:00 Sala 1
Chair: Marcos Tavares

11:00 **Juan Santos**, Yuri Carvalho, Diogo Lopes, Luis Romano
IMMUNOLOGICAL PROFILE OF THE YELLOW CLAM *Mesodesma mactroides*
FROM THE SOUTHERN COAST OF RIO GRANDE DO SUL

11:20 **Sidney Berto**, Joana Vogeley, Camila Barros, Mayara Silva, Karin Barbosa, Flávio Rodrigues, Juliana Interaminense, Roberta Nery, Roberta Soares, Sílvio Peixoto
QUANTIFICAÇÃO DE *Vibriosp.* DO INTESTINO DE *L. vannamei* CULTIVADO COM *Bacillus* spp. ISOLADOS DE CAMARÕES SELVAGENS ADICIONADOS À DIETA

11:40 **Jaqueline Biller-Takahashi**
IMMUNITY AND OXIDATIVE STRESS IN FISH: PHAGOCYTOSIS AND LEUKOCYTE RESPIRATORY BURST

IMMUNOSTIMULANTS, PREBIOTICS & PROBIOTICS

Wednesday, November 18 11:00 - 13:00 Sala 2

Chairs: Cristiane Meldau Campos, Christian Fernáne, Licia Lundstedt

- 11:00 Norha Bolívar Ramírez**, Marysol Rodrigues, Juliana Ribeiro, Joselle Redig, Gabriel Fernandes Alves Jesus, Ariane Martins, Scheila Anelise Pereira, Felipe do Nascimento Vieira, Edemar Roberto Andreatta
USE OF ORGANIC SALTS AND PROBIOTICS ON THE PERFORMANCE OF PACIFIC WHITE SHRIMP
- 11:20 Andressa Vieira de Moraes**, Jorge Pedro Rodrigues-Soares, Anderson Sloboda, Álvaro Célio Grocholski, Luiz Henrique da Silva, Adolfo Jatobá
VARIACÕES HEMATOLÓGICAS DO *Astyanax bimaculatus* ALIMENTADO COM PROBIÓTICO
- 11:40 Marian Bitencourt**, Andressa Vieira de Moraes, Marina de Oliveira Pereira, Luiz Sérgio Moreira, Adolfo Jatobá
PROBIÓTICOS NO CULTIVO DO LAMBARI DO RABO AMARELO
- 12:00 Christian Fernández**, Melisa Taricuarima, Rita Maldonado, Pedro Ramirez, Maria J. Darias
EFECTO DE DIFERENTES NIVELES DE INCLUSIÓN DE PROBIÓTICOS EN LA DIETA EN EL CRECIMIENTO Y LA SOBREVIVENCIA DE ALEVINOS DE *Myleus schomburgkii*

AMPHIBIAN & REPTILE AQUACULTURE

Wednesday, November 18 12:20 - 13:00 Sala 1

Chairs: Marta Verardino, Cleber Fernando Menegasso Mansano

- 12:20 Cleber Fernando Menegasso Mansano**, Marcelo Maia Pereira, Beatrice Ingrid Macente, Thiago Matias T. Nascimento, Leonardo Sussumu Takahashi, Marta Verardino Stéfani
DETERMINAÇÃO DA LISINA DIGESTÍVEL PARA RÃS-TOURO EM CATIVEIRO
- 12:40 Silvia Conceição Reis Pereira Mello**, William Nascimento Silva, José Teixeira de Seixas Filho, Severiano Kfuri da Silva, Marcelo Maia Pereira
QUALITY OF BULLFROG SEMEN AFTER INDUCTION WITH DIFFERENT DOSES OF HORMONE BUSERELIN ACETATE (GNRH_a)

BIOFLOC - CONTINUED

Wednesday, November 18 14:30 - 16:10 Sala 4

Chairs: Wilson Wasielesky, Maurício Emerenciano

- 14:30 João A. A. Xavier**, Julio Zemor, Wilson Wasielesky Jr., Ricardo Robaldo
SUBSTITUIÇÃO DE ÁGUA MARINHA POR CLORETO DE SÓDIO NO CULTIVO DO
CAMARÃO BRANCO *LitoPenaeus vannamei* EM SISTEMA BFT
- 14:50 Julio Zemor**, Geraldo Fóes, Edu de Oliveira Holanda, Luis H. Poersch,
Wilson Wasielesky Jr.
APLICAÇÃO DE TÉCNICAS DE REMOÇÃO DE SÓLIDOS SUSPENSOS EM
ESCALA PRODUTIVA DE *LitoPenaeus vannamei* (BOONE, 1931) EM SISTEMA DE
BIOFLOCOS
- 15:10 Valeriano L. Corre, Jr.**, Rex Ferdinand Traifalgar, Roman C. Sanares,
Dalisay D.G. Ferdandez, Adelaida T Calpe, Leovigildo Rey S. Alaban
INFLUENCE OF DIFFERENT ORGANIC CARBON SOURCES ON WATER QUALITY
AND PRODUCTION YIELD OF *Penaeus vannamei* REARED IN MICROBIAL FLOC
CULTURE SYSTEM
- 15:30 Ashraf Soliman**, Rania Mabroke, Azab Tahoun, Abd El-Naem Zidan,
Mohamed El-Shafiey
EFFECT OF FEED FREQUENCY ON TILAPIA FINGERLINGS UNDER BIOFLOC
SYSTEM

AQUAPONICS

Wednesday, November 18 14:30 - 18:40 Sala 1

Chair: Carlos Leon

- 14:30 Lucas Mendes**, Isabela Pinheiro, Rafael Arantes, Suhellen Barcelos,
Gabiella Bezerra, Jorge Oliveira, Walter Seiffert
DEVELOPMENT OF AN AQUAPONIC SYSTEM FOR THE PRODUCTION OF THE
HALOPHYTE *Sarcocornia ambigua* AND MARINE WHITE SHRIMP WITH BFT
- 14:50 Ana María Meléndez Pérez**
ANALYSIS THREE PROTOTYPES AQUAPONIC AS TECHNOLOGICAL
CHALLENGE TO RESPOND CLIMATE CHANGE AND FOOD INSECURITY IN THE
COLOMBIAN CARIBBEAN REGION
- 15:10 Carlos León**
AQUAPONICS IN A HYBRID INTEGRATED SYSTEM FOR SUSTAINABLE
PRODUCTION

- 15:30 Carlos León**
AQUAPONICS USING SHRIMP, TILAPIA AND VEGETABLES IN A LOW SALINITY SYSTEM
- 15:50 Carlos León**
AQUAPONICS IN SMALL COMMERCIAL SCALE SYSTEMS
- 16:10 BREAK**
- 17:00 Renzo Pepe Victoriano**
CULTIVOS ACUIPONICOS EN EL EXTREMO NORTE DE CHILE, UNA DE LAS ZONAS MAS ÁRIDAS DEL MUNDO?
- 17:20 Maurício Emerenciano**, Sara Mello Pinho, Diego Molinari, Luiz Henrique Castro David, Kamila da Rosa Pereira, Giovanni Lemos de Mello, Maurício Gustavo Coelho Emerenciano
APPLICATION OF BIOFLOC TECHNOLOGY ON THE AQUAPONIC PRODUCTION OF DIFFERENT VARIETIES OF LETTUCE *Lactuca sativa*

FEEDING STRATEGIES & NUTRITIONAL NEEDS

Wednesday, November 18 14:30 - 18:40 Sala 5

Chairs: Juan Pablo Lazo, Marcelo Tesser

- 14:30 Fanny A. Yasumaru**, Daniel Lemos
IN VITRO (pH-STAT) PREDICTION OF IN VIVO APPARENT PROTEIN DIGESTIBILITY OF COMMERCIAL FEEDS FOR NILE TILAPIA *Oreochromis niloticus* L.
- 14:50 Igo Guimarães**, Janaína Araújo, Monaliza Sena, José Stringhini
AMINO ACID AVAILABILITY OF CEREAL GRAIN PRODUCTS FOR TAMBAQUI *Colossoma macropomum*
- 15:10 Luiz Eduardo Lima de Freitas**, Daniel Yamashita Inoue, Lucas Laurini de Oliveira, Mayara Esmeraldino Nunes, Débora Machado Fracalossi
COEFICIENTES DE DIGESTIBILIDADE APARENTE DE DIFERENTES FONTES PROTEICAS PARA JUVENIS DE JUNDIÁ *Rhamdia quelen*
- 15:30 Iury Walysson Amorim Melo**, Rômulo Batista rodrigues, Micheli Zaminhan, Dacley Hertes Neu, Wilson Massumitu Furuya, Vanessa Lewandowski, Fábio Bittencourt, Aldi Feiden, Altevir Signor, Wilson Rogério Boscolo
COMPOSIÇÃO CENTESIMAL DE JUVENIS DE TILÁPIAS DO NILO *Oreochromis niloticus* ALIMENTADOS COM NÍVEIS CRESCENTES DE VALINA

15:50 Juliana Tomomi Kojima, Thyssia Bomfim Araújo da Silva, Rodrigo Takata, Konrad Dabrowski, Dalton José Carneiro, Maria Célia Portella
SUBSTITUIÇÃO DA PROTEÍNA POR MISTURA DE AMINOÁCIDOS LIVRES PARA JUVENIS DE TAMBAQUI *Colossoma macropomum*: RESULTADOS PRELIMINARES

16:10 BREAK

17:00 Nivaldo Ferreira do Nascimento, Matheus Pereira do Santos, Cleonice Cristina Hilbig, Paulo André de Andrade Santos, Regiane Cristina da Silva, José Augusto Senhorini, George Shigueki Yasui, Laura Satiko Okada Nakaghi
FATTY ACIDS PROFILE IN TRIPLOID CHARACIN YELLOWTAIL TETRA *Astyanax altiparanae*

17:20 Iurych N. B. Bussons, Camila B. Santos, Sandy T. Saenz, Márcia R. F. Machado
PARTIAL REPLACEMENT OF CORN WITH CRUDE GLYCERIN IN DIETS FOR MATRINXÃ *Brycon amazonicus*

17:40 Maria Darias, Diana Castro-Ruiz, Guillain Estivals, Patrick Quazuguel, Christian Fernández, Jesús Núñez, Frédéric Clota, Sylvain Gilles, Carmen García-Dávila, Enric Gisbert, Chantal Cahu
INFLUENCIA DE DIFERENTES NIVELES DE PROTEINAS Y LIPIDOS DE LA DIETA EN EL CRECIMIENTO Y LA INCIDENCIA DE CANIBALISMO EN LARVAS Y JUVENILES DE *Pseudoplatystoma punctifer*

18:00 Joël Henry, Marie Robert, Céline Zatylny-Gaudin, Vincent Fournier, Erwan Corre, GILDAS Le Corguillé, Benoît Bernay
COMBINING TRANSCRIPTOMIC AND PEPTIDOMIC APPROACHES TO CHARACTERIZE COMPLEX PROTEIN HYDROLYSATES FOR LOW FISH MEAL DIETS: APPLICATION TO A WHITE SHRIMP *Litopenaeus vannamei* HYDROLYSATE AND A NILE TILAPIA *Oreochromis niloticus* HYDROLYSATE

GENERAL AQUACULTURE CONTRIBUTED

Wednesday, November 18 14:30 - 18:40 Sala 2

Chair: Maria Darias

14:30 Alexia Letícia Pacheco Lindoso, Caroline Marques Silva Moura Carol, Rosélia de Sousa Brito Rosélia, Thales Passos de Andrade Thales
DESCRIPTION OF THE LIVE AQUATIC ANIMAL TRAFFIC FLOW IN MARANHÃO STATE, BRAZIL, IN 2013

14:50 Thiago Marinho-Pereira, Paulo Almeida, Dreyfus Feitoza, Jeffson Pereira, Lian Brandão, Luz Marina Rincon
PROJETO PIRAPAICHE: COOPERAÇÃO INTERNACIONAL PARA A AQUICULTURA DO PIRARUCU *Arapaima gigas*

- 15:10 Maria Soares**, Deyvid Oliveira, Mariane Barbosa, Rodrigo Prata
AQUICULTURA NO ESTADO DE PERNAMBUCO: HISTÓRICO E MARCOS REFERENCIAIS
- 15:30 Baba Usman Ibrahim**, Hussaini Zubairu
FISH COMPOSITION OF SHIRORO RESERVOIR, MINNA, NIGER STATE, NIGERIA
- 15:50 Leonice Rozalem**, Nadia Sankio, Waleska Dembiski, Ana Paula Baldan, Fabiano Bendhack
EFICIÊNCIA DO TAMANHO MÍNIMO DO JUNDIÁ *Rhamdia quelen* PARA IMPLANTAÇÃO DE MICROCHIP ELETRÔNICO
- 17:00 Jaime Forn**
BRINGING SAFETY...BRINGING TRANSPARENCY

MARINE FISH CULTURE

Wednesday, November 18 14:30 - 18:40 Sala 3

Chairs: Vinicius Cerqueira, Luís André Sampaio

- 14:30 Artur Rombenso**, Andre De Araujo, Luis Sampaio
UPDATE ON COBIA PRODUCTION IN SOUTHERN BRAZIL: CURRENT LIMITATIONS AND OPPORTUNITIES
- 14:50 Luís André Sampaio**, Andresa Capri, Ivanildo O. Silva, Flavia W. Marin, Janaína dos Santos Pedron, Keli M. Wrany, Marcelo Hideo Okamoto, Marcelo Shei, Marta Klosterhoff, Ricardo Vieira Rodrigues, Yasmin Chaves, Luis Alberto Romano, Marcelo Borges Tesser
PRODUÇÃO EXPERIMENTAL DE BIJUPIRÁ *Rachycentron canadum* EM SISTEMA DE RECIRCULAÇÃO DE ÁGUA
- 15:10 Thiago Raggi**, Daniel Lemos, João M. C. Alves, Fanny Yasumaru, Luis F. Freitas, Ricardo H. Ota, Albert G. J. Tacon
FISH MEAL REPLACEMENT BY ANIMAL AND PLANT SOURCE PROTEINS IN PRACTICAL DIETS FOR COBIA *Rachycentron canadum*: PERFORMANCE AND DIGESTIBILITY
- 15:30 Ivanildo de Oliveira Silva**, Janaína S. Pedron, Luís A. Sampaio, Ricardo V. Rodrigues
EFEITOS DA SALINIDADE EM JUVENIS DE BIJUPIRÁ *Rachycentron canadum*: DETERMINAÇÃO DO PONTO ISOSMÓTICO
- 15:50 Jessica Carolina Teske**, Ricardo Vieira Rodrigues, Marcelo Hideo Okamoto, Luís André Sampaio
TRANSPORTE A SECO DE JUVENIS DO LINGUADO *Paralichthys orbignyanus*

16:10 BREAK

17:00 José Arlindo Pereira, Alberto J. P. Nunes
GROWTH OF JUVENILE CAMURIM *Centropomus undecimalis* (BLOCH,1792)
IN SEMI-INTENSIVE FARMING

17:20 Lury N. García N., Frank A. Chapman Ch
LA POSIBILIDAD DE CULTIVO DEL MERO GUASA DEL PACÍFICO *Epinephelus
quinquefasciatus* EN AGUAS DE DIFERENTES SALINIDADES

17:40 Gabriela Sá Freire Paulino, Ivanildo de Oliveira Silva,
Cristina Vaz Avelar de Carvalho, Gabriel Passini, Vinícius Cerqueira,
Luís André Sampaio, Ricardo Vieira Rodrigues
TRANSPORTE DE JUVENIS DE TAINHA *Mugil liza* EM DIFERENTES
SALINIDADES

18:00 Juan Pablo Lazo
MARINE FISH CULTURE IN MEXICO: CURRENT STATUS AND FUTURE TRENDS

18:20 Apolinar Santamaria-Miranda, Elena Palacios, Juan Pablo Apun-Molina,
Silvie Dumas, Catalina Puente-Palazuelos
COMPOSICION DE RESERVAS BIOQUIMICAS EN HUEVOS Y LARVAS DE
Lutjanus peru DE ORGANISMOS SILVESTRES, LABORATORIO Y CAUTIVERIO

SHRIMP HEALTH & DISEASES

Wednesday, November 18 14:30 - 18:40 Sala 6

Chair: Thales Andrade

14:30 Suzianny M. B. Cabral da Silva, Maria Raquel M. Coimbra,
Laura Helena V. Gonzales Gil
INVESTIGAÇÃO DA REPLICAÇÃO DO VÍRUS DA MIONECROSE INFECCIOSA EM
LINHAS DE CÉLULA DO MOSQUITO *Aedes albopictus* SUBCLONE C6/36

14:50 Gael Leclercq, Sergio Lima, Roseli Pimentel, Xavier Serrano, John Montano
PROGRAMA DE PREVENÇÃO DE DOENÇAS E MELHORAMENTO GENÉTICO
PARA A RESISTÊNCIA AOS VIRUS WSSV E IMNV EM *L. vannamei* NO
NORDESTE DO BRASIL

15:10 Allan Heres, Ra'anan Ariav
REVIEW OF SHRIMP MIXED DISEASES WITH EMPHASIS OF NHP INFECTION IN
LATINAMERICAN SHRIMP FARMS DURING APRIL-MAY 2015

- 15:30 Luciane Maria Perazzolo**, Rafael Diego Rosa
IMUNIDADE DE CRUSTÁCEOS: IMUNOESTIMULAÇÃO E AVALIAÇÃO DA
IMUNOCOMPETÊNCIA UTILIZANDO FERRAMENTAS MOLECULARES
- 15:50 Eric Schott**, Emily Flowers, Anapaula Vinagre, Andréa Almeida, Shanai Brown
A LETHAL VIRUS OF THE BLUE CRAB *Callinectes sapidus* MAY BE PRESENT
THROUGHOUT ITS TRANS-HEMISPHERIC RANGE
- 16:10 Mohamed Megahed**
PROTEIN ELECTROPHORESIS OF TWO VIRAL ISOLATES FROM SHRIMP
DISEASE OUTBREAK IN EGYPT

MARINE SHRIMP CULTURE

Wednesday, November 18 17:00 - 18:40 Sala 4

Chairs: Eudes Correa, Rodrigo Carvalho

- 17:00 Amom R. M. Nascimento**, Tássia T. E. Rodrigues, Danilo C. Barroso, Márcia R. F. Machado
MARINE SHRIMP *Litopenaeus vannamei* PRODUCTIVE PERFORMANCE GROWN
IN FRESHWATER SINGLE PHASE SEMI-INTENSIVE SYSTEM STARTED WITH
POST-LARVAE 20 DAYS OF AGE
- 17:20 Aline dos Anjos Santos**, Eduardo Cesar Teixeira N. Filho, Silvan Vianna do Valle,
Jessica Cerqueira dos Santos, Alice Borba Baiao, Rodrigo Fortes da Silva
TEMPORARY CHANGES IN FOOD INTAKE AND RHYTHM LOCOMOTOR IN
Litopenaeus vannamei EXPOSED TO A 12:12LD PHOTOPERIOD
- 17:40 Manuel Valenzuela**, Claudia Durruty-Lagunes, Miguel Arévalo-López, Wilson
Wasielesky Jr., Gabriela Gaxiola-Cortés
CULTIVO DE ESPECIES NATIVAS DE CAMARÕES PENEIDOS NO SUL DO
GOLFO DO MEXICO UTILIZANDO SISTEMAS ALTERNATIVOS DE CULTIVO
- 18:00 Francisco Hélio Pires da Silva**, Alberto J. P. Nunes, Hassan Sabry Neto
DISPOSITIVO PARA ALIMENTAÇÃO CONTÍNUA PROMOVE MELHOR GANHO DE
PESO NO CAMARÃO *Litopenaeus vannamei*

THURSDAY, November 19

TILAPIA HEALTH

Thursday, November 19 08:30 - 12:00 Sala 2

Chair: Mario Aguirre

- 08:30 Paola Barato**, Elisabete Martins, Carlos Iregui
MOLECULAR EPIDEMIOLOGY OF *Streptococcus agalactiae* OF FARMED TILAPIA *Oreochromis* sp. CULTURED IN COLOMBIA OVER 8 YEARS
- 08:50 Paola Barato**, Elisabete Martins, Gersson Vasquez, Nhora Martinez, Carlos Iregui
CAPSULE ROLE IN THE ADHERENCE OF *Streptococcus agalactiae* TO
INTESTINAL EPITHELIUM IN TILAPIA *Oreochromis* sp.
- 09:10 Ra'anan Ariav**, Tal Be'eri, Yechiam Shapira, Yoav Rosen, Allan Heres, Natan Wajsbrod
INTEGRATED HEALTH MANAGEMENT APPROACH FOR CONTROL AND
PREVENTION OF METACERCARIAL INFECTION OF *Centrocestus* spp. IN HYBRID
TILAPIA FARMS IN ISRAEL
- 09:30 Gersson Vasquez**, Alba Rey, Camilo Rivera, Jahir Orozco, Carlos Iregui
BIOSENSOR AMPEROMÉTRICO CON LECTINA CONCANAVALINA A PARA
DETECCIÓN DE *Streptococcus agalactiae* EN TILAPIA *Oreochromis* sp.
- 09:50 Paola Barato**, Gersson Vasquez, Nhora Martinez, Carlos Iregui
GLYCOBIOLOGICAL ANTI-ADHESIVE THERAPY TO STREPTOCOCCOSIS IN
TILAPIA *Oreochromis* sp.
- 10:30 BREAK**
- 11:00 Jefferson Yunis Aguinaga**, Dayanne C. Fernandes, Silas F. Eto, Isabela M. Martins,
Lygia M. Malvestio, João K. Fernandes, Flávio Ruas de Moraes,
Julieta Engrácia de Moraes
DIETARY CAMU CAMU *Myrciaria dubia* ENHANCES IMMUNOLOGICAL
RESPONSE IN NILE TILAPIA
- 11:20 Edgar Andres Pulido Bravo**, Gersson Manuel Vvasquez Machado,
Camilo Eernesto Rivera Palomino, Carlos Arturo Iregui Castro
FACTORS RELATED TO OUTBREAKS OF MORTALITY IN TILAPIA FARMS IN
BETANIA DAM – COLOMBIA

- 11:40 Edel-Anne Norderhus**
VACCINATION THE FUTURE SOLUTION FOR SUSTAINABLE AQUACULTURE
- 12:00 Claudia Maira**, Edel-Anne Norderhus
SAFETY AND EFFICACY RESULTS AFTER VACCINATION WITH OIL BASED
VACCINE AGAINST STREPTOCOCCOSIS IN TILAPIA: LABORATORY STUDIES
- 12:20 Magnolia Montoya-Mejía**, Hervey Rodríguez-González, Hector Nolasco-Soria
CIRCADIAN CYCLE OF DIGESTIVE ENZYME PRODUCTION AT BASAL
CONDITIONS AND STIMULATED WITH FEED IN TILAPIA *Oreochromis niloticus*

SHRIMP FARMING SYMPOSIUM FENACAM

Thursday, November 19 08:30 - 13:00 Sala 4
Chair: Itamar de Paiva Rocha

AQUACULTURE SYMPOSIUM FENACAM

Thursday, November 19 08:30 - 13:00 Sala 7
Chair: TBA

ECONOMICS, POLICIES, EDUCATION & SOCIAL SCIENCES

Thursday, November 19 08:30 - 16:10 Sala 1
Chairs: Rodrigo Roubach, Eric Routledge

- 08:30 Daniele Kloppel Rosa Evangelista**, Diego Neves de Sousa,
Hellen Christina Almeida Kato, Alexandre Aires de Freitas,
Daniele Kloppel Rosa Evangelista
SALES STRATEGIES FOR FAMILY FISH FARMING IN TOCANTINS, BRAZIL
THROUGH INSTITUTIONAL MARKETS
- 08:50 Rakely Ribeiro**, Janaína Silva Freire, Estevani Pereira de Oliveira
A INSERÇÃO INTERNACIONAL DA CARCINICULTURA POTIGUAR: DESAFIOS E
OPORTUNIDADES
- 09:10 Jesaias Costa**, Omar Sabbag, Luiz Ayroza, Maria Inez Martins
IMPACTO DA OFERTA REGULAR DE TILÁPIA NO CUSTO DE PRODUÇÃO E
LUCRATIVIDADE
- 09:30 Augusto da Costa Pereira**, Ana Carolina Iozzi, Letícia Hitomi
SUSTAINABLE SEAFOOD CERTIFICATION IN THE STATE OF RIO DE JANEIRO

- 09:50** **Andrea Elena Pizarro Muñoz**, Roberto Valladão Flores, Manoel Pedroza Filho, Ana Paula Rodrigues, Marcela Mataveli, Renata Barroso
ECONOMIC VIABILITY OF AQUACULTURE PRODUCTION IN BRAZIL
- 10:30** **BREAK**
- 11:00** **Anna L F Araújo Araújo**, Ianne de Almeida, Estevani Oliveira
INSERÇÃO INTERNACIONAL - UMA ANÁLISE MERCADOLÓGICA DA CASTANHA NOS ESTADOS DO CEARÁ E RIO GRANDE DO NORTE
- 11:20** **Raquel Mesquita**, Daniel Maschio, Danilo Streit
AGREGAÇÃO DE VALOR AO PRODUTO: UMA ALTERNATIVA PARA O DESENVOLVIMENTO DA CADEIA PRODUTIVA DO PESCADO NACIONAL
- 11:40** **Manoel Pedroza**, Adriano Prysthon, Roberto Flores, Renata Melon
ASSOCIATIVE MODELS AS STRATEGY OF PRODUCTIVE INCLUSION FOR SMALL-SCALE FISH FARMERS: STUDY CASE OF TWO ASSOCIATIONS IN BRAZIL
- 12:00** **Roy Palmer**
GLOBAL PERSPECTIVES ON SUSTAINABLE AQUACULTURE
- 12:20** **Rebecca Lochmann**
GLOBAL PERSPECTIVES ON SUSTAINABLE AQUACULTURE
- 13:00** **LUNCH**
- 14:30** **Altemir Gregolin**
CENÁRIOS E TENDÊNCIAS PARA A AQUICULTURA E PESCA NO BRASIL
- 14:50** **Daniele Kloppel Rosa Evangelista**, Marcela Mataveli, Diego Neves de Sousa, Hellen Christina de Almeida Kato
THE INNOVATION AS A TOOL FOR RURAL DEVELOPMENT: PEIXE MAIS PROJECT EXPERIENCE IN TOCANTINS, BRASIL
- 15:10** **Daniele Kloppel Rosa Evangelista**, Hellen Christina de Almeida Kato
TECHNOLOGICAL CIRCUIT AS A TOOL FOR TECHNOLOGICAL DIFFUSION
- 15:30** **Emmanuel K. Ajani**, Bamidele Omitoyin, Adetola Jenyo-Oni, Olajumoke Olusile
RESOURCE USE EFFICIENCY AMONG DISTINCT AQUACULTURE PRODUCTION SYSTEMS IN SOUTH WESTERN NIGERIA

LARVICULTURE

Thursday, November 19 08:30 - 18:40 Sala 3

Chairs: Carlos Rojas, Maria Celia Portella

- 08:30 Melissa Montes**, Joel F. Linares, Angelica M. Castro, Lili J. Carrera
STUDY OF EMBRYONIC DEVELOPMENT AND LARVAL CULTURE OF THE PERUVIAN GRUNT *Anisotremus scapularis*
- 08:50 Maria Célia Portella**, Tais da S. Lopes, Carlos Ducatti, Rosangela K. Jomori, Dalton J. Carneiro
INFLUÊNCIA DA VITAMINA A NO DESENVOLVIMENTO ÓSSEO DE LARVAS DE PACU *Piaractus mesopotamicus*
- 09:10 Marcilia Barbosa Goulart**, Sérgio Turra Sobrane Filho, Adriano Carvalho Costa, Luis David Solis Murgas, Jerry Carvalho Borges
EFEITO DA DENSIDADE DE ESTOCAGEM DE OVOS DE TRAIRÃO *Hoplias intermedius* NO PERÍODO DE INCUBAÇÃO
- 09:20 Rafael Sales**, Roberta Melo, Ramon Moraes, Demétrio Figueirôa, Maria Eduarda Oliveira, Ronaldo Cavalli, Lilia Souza-Santos
PRODUCTION AND USE OF A *Nannochloropsis oculata* FLOCCULATED PASTE IN THE REARING OF NEWBORN SEAHORSES *Hippocampus reidi*
- 09:40 Ricardo Rodrigues**, Renata M. C. Eugênio, Luis A. Romano, Mônica Y. Tsuzuki
UTILIZAÇÃO DE TRIIODOTIRONINA (T3) REDUZ O TEMPO DE METAMORFOSE EM LARVAS DO NEON GOBI *Elacatinus figaro*
- 10:30 BREAK**
- 11:00 Natalia de Jesus Leitão**, Thalys Vinícius Cruz, Amanda Halum Elias, Maria Célia Portella
EFEITO DA SUPLEMENTAÇÃO DIETÉTICA DE *Bacillus amyloliquefaciens* NA TRANSIÇÃO ALIMENTAR DE LARVAS DE PACU *Piaractus mesopotamicus*
- 11:20 Javier Giraldo**, Tina Rogge, Jan Anné, Luc Roef, Jorien Fret, Mark Michiels
MICROALGAE FROM THE PROVIAPT CLOSED PHOTOBIOREACTOR SYSTEM FOR AQUACULTURE
- 11:40 Vianys Agudelo**, Adriana Rodríguez
DESCRIPTION OF LARVAL DEVELOPMENT OF SEA CUCUMBER *Stichopus* sp. IN THE LABORATORY
- 12:00 Thyssia Bomfim Araújo da Silva**, Juliana Tomomi Kojima, Rodrigo Yukihiro Gimbo, Jony Koji Dairiki, Maria Célia Portella
MANEJO DE TEMPERATURA NAS FASES INICIAIS DE VIDA NÃO PRODUZ EFEITOS PERMANENTES NO DESEMPENHO PRODUTIVO DE TAMBAQUI NA FASE JUVENIL

- 12:20 Kathleen Whitlock**
INFLUENCE OF THE ODOR ENVIRONMENT ON BEHAVIOR AND GENE EXPRESSION IN THE DEVELOPING ZEBRAFISH *Danio rerio*
- 13:00 LUNCH**
- 14:30 Carlos Rojas-García**, M. Cabezas, M. Mosquera
EXPERIMENTAL REARING OF *LitoPenaeus vannamei* POSTLARVAE IN SHALLOW WATER AND LOW SALINITY: ADDING HIGH DOSES OF BENEFICIAL BACTERIA MAKES ANY DIFFERENCE?
- 14:50 Bernd Ueberschär**
THE CHALLENGES OF FEEDING MICROPARTICULATE DIETS (MICRO DIETS) TO LARVAL FISH – STATE OF THE ART AND GAPS
- 15:10 Carlos Alfonso Alvarez-González**
AVANCES EN LOS ESTUDIOS DE FISIOLÓGIA DIGESTIVA EN LARVAS DE PECES DEL SURESTE DE MÉXICO
- 15:30 Olivia Menossi**, Rubens A. F. Turin, Juliana T. Kojima, Thiago M. Freitas, Maeli Dal Pai Silva, Maria Celia Portella
O JEJUM E SEUS EFEITOS SOBRE O DESEMPENHO ZOOTÉCNICO, CRESCIMENTO E DEGRADAÇÃO MUSCULAR E ALTERAÇÕES HEPÁTICAS EM JUVENIS DE PACU *Piaractus mesopotamicus*
- 15:50 Ivar Rønnestad**, Kristin Hamre, Tomazs Furmanek, Ørjan Karlsen, Terje van der Meeren, Ann-Elise Jordal, Rolf B Edvardsen
CHARACTERIZING MECHANISMS UNDERLYING FAST GROWTH IN ATLANTIC COD LARVAE
- 16:10 BREAK**
- 17:00 Ivã G. Lopes**, Adalberto L. Val, Thyssia B. A. da Silva, Juliana T. Kojima, Maria C. Portella
INFLUÊNCIA DAS MUDANÇAS CLIMÁTICAS SOBRE O CRESCIMENTO E DESENVOLVIMENTO INICIAL DE LARVAS DE TAMBAQUI *Colossoma macropomum*
- 17:20 Ahmed Md. Salem**, Hassan Ibrahim
MARINE *Bacillus subtilis* HS1 PROBIOTIC, MARINE CHITOSAN PREBIOTIC AND MARINE SYNBIOTIC SUPPLEMENTED MICRODIETS ENHANCED THE LENGTH GROWTH AND EARLY WEANING SUCCESS OF THE EUROPEAN SEABASS LARVAE IN ALEXANDRIA, EGYPT
- 17:40 Marcele Trajano de Araujo**, Hélder Santana de Lima, Marina Cunha Alves de Oliveira, Yllana Ferreira Marinho, Alfredo Olivera Gálvez
CRESCIMENTO POPULACIONAL DO ROTÍFERO *Brachionus plicatilis* ALIMENTADO COM DIFERENTES MICROALGAS

IMMUNOLOGY, HEALTH & DISEASE

Thursday, November 19 12:00 - 18:40 Sala 2

Chair: Marcos Tavares

- 14:30 Flávio R. Moraes**, Gustavo S. Claudiano, Silas F. Eto, Fausto A. Marinho, Dayanne C. Fernandes, Jefferson Y. Aguinaga, Renata L. Miranda, Antônio V. Mundim, Cleni M. Marzocchi-Machado, Julieta R.E. Moraes
IMMUNE ENDOCRINE DEPRESSION IN SEPSIS OF *Piaractus mesopotamicus* INDUCED BY *Aeromonas hydrophila*
- 14:50 Flávio R. Moraes**, Silas F. Eto, Gustavo S. Claudiano, Dayanne C. Fernandes C., Adriano M. Gonçalves, Luiz Flávio J. Santos, Tiago S. Balbuena, Julieta R. E. Moraes, Rogrio Salvador, Jefferson Y. Aguinaga, João M. Pizauro
PRODUCTION OF IGY ANTI- *Photobacterium damsela* ssp. *piscicida* AND ITS THERAPEUTIC AND PROPHYLACTIC USE IN *Rachycentron canadum*
- 15:10 Maria Risoleta Freire Marques**, Isabel Cristina Muller, Juliana R. Moser, Gabriel M. Matos, Ana Paula M. Fraga, Pedro A. Valentim Neto
ASSESSING POTENTIAL BIOMARKERS OF VIRAL INFECTION AND STRESS IN FARMED SHRIMP THROUGH TRANSCRIPTIONAL ANALYSIS AND PROTEOMICS
- 15:30 Sandro Estevan Moron**, Jayne Barros Aguiar Silva, Patrícia Oliveira Maciel
USO DO *Allium sativum* NO CONTROLE DO ECTOPARASITA E SEUS EFEITOS SOBRE PARÂMETROS SANGUÍNEOS EM *Arapaima gigas* INFECTADO
- 15:50 Fabiana Pilarski**
ADVANCES IN FISH IMMUNOLOGY IN BRAZIL
- 16:10 BREAK**
- 17:00 Bruno Corrêa da Silva**, Gabriel Fernandes Jesus, Gabriella V. Pereira, Thiago T. Ushizima, José Luiz Mouriño
VACINAÇÃO DE PEIXES TELEÓSTEOS
- 17:20 Eduardo L.T. Gonçalves**, Karen R. Tancredo, Michele C. Vieira, Natalia da C. Marchiori, Eduardo G. Sanches, Maurício L. Martins, Monica Y. Tsuzuki
PRELIMINARY DATA OF INTENSE PARASITIC INFECTION ON *Anisotremus virginicus*
- 17:40 Alba Rey**, Gersson Vasquez, Carlos Iregui
SISTEMA DE INFORMACION SANITARIA Y PRODUCTIVA PISCICOLA: SISPPiscicola
- 18:00 Elizabeth Affonso**, Marieta Queiroz, Elenice Brasil, Amanda Corral, Eduardo Ono
O USO DA *Piper aduncum* COMO FITOTERÁPICO PARA PATÓGENOS DE PEIXES NATIVOS DA AMAZÔNIA

18:20 Sílvia Umeda Gallani, Fabiana Pilarski
IMMUNOLOGY OF PARENTAL NATIVE SPECIES AND THEIR HYBRIDS

AQUAFOOD PROCESSING TECHNOLOGIES

Thursday, November 19 14:30 - 18:40 Sala 6

Chairs: Elisabete Viegas, Fabíola Fogaça

14:30 Daniele Kloppel Rosa Evangelista, Hellen Christina Almeida Kato, Cassia Bento Sobreira, Alexandre Aires de Freitas, Diego Neves de Sousa, Rosiana Rodrigues Alves, Daniele Kloppel Rosa Evangelista
YIELD OF MACHINE SEPARATED MINCED FLESH FROM WHOLE TAMBAQUI *Colossoma macropomum* AND CURIMATA *Prochilodus* spp. FOR INCLUSION IN INSTITUTIONAL MARKETS

14:50 Wensy Vergara Hernández, Adriana Rodríguez Forero
CHEMICAL COMPOSITION SEA CUCUMBER *Stichopus* sp.

15:10 Daniele Kloppel Rosa Evangelista, Gisélia de Lourdes Cardoso de Alcântara, Hellen Christina Almeida Kato, Alexandre Aires de Freitas
FREE MARKET HANDLERS TRAINING: THE ANSWER TO THE DECREASE OF FOODBORNE DISEASES FOR HYGIENIC SANITARY LACK CONDITIONS IN FAIRS OF BELÉM - PARÁ

15:30 Ailana Alves, Elaine Santos
APROVEITAMENTO MATRINXÃ *Brycon cephalus* PARA ELABORAÇÃO DO FISHCOOKIE

15:50 Iury Walysson Amorim Melo, Joana Karin Finkler, Joana D'arc Mauricio Rocha, Rômulo Batista Rodrigues, Vagner Geronimo Santos Nascimento, Antônio Godoy, Fábio Bittencourt, Altevir Signor, Aldi Feiden, Wilson Rogério Boscolo
ANÁLISE SENSORIAL E MICROBIOLÓGICA DE FILÉS DE TILÁPIA *Oreochromis niloticus* ALIMENTADA COM EXTRATO DE ORÉGANO E ORÉGANO COMERCIAL

16:10 BREAK

17:00 Iury Walysson Amorim Melo, Ortência Leocádia da Silva Nunes, Thiberio Carvalho da Silva, Joana D'arc Mauricio Rocha, Rômulo Batista Rodrigues, Vagner Gerônimo Nascimento Santos, Altevir Signor, Fábio Bittencourt, Aldi Feiden, Wilson Rogério Boscolo
CARACTERIZAÇÃO CENTESIMAL, MICROBIOLÓGICA E ATIVIDADE ANTI-HIPERTENSIVA DO HIDROLISADO DE SURIMI DE TILÁPIA *Oreochromis niloticus*

17:20 William Bujanda
LOW TEMPERATURE STEAM COOKING, A UNIQUE SOLUTION TO MEET SAFETY AND QUALITY STANDARDS WHILE PRESERVING OPTIMAL YIELD

- 17:40 William Bujanda**
HOW CAN YOU KEEP UP WITH DEMAND AND POSITION YOURSELF FOR AN AUTOMATED FUTURE IN SHRIMP PROCESSING?
- 18:00 Elisabete Maria Macedo Viegas**
MÉTODOS DE INSENSIBILIZAÇÃO E ABATE DE PEIXES: BEM-ESTAR E QUALIDADE DA CARNE
- 18:20 Rodrigo Carvalho**, Ana Carolina Granja, Uilians Ruivo, Patricia Chicrala, Sérgio Cavalcanti
AVALIAÇÃO DE DIFERENTES AGENTES DE RETENÇÃO DE UMIDADE NO COZIMENTO DE CAMARÕES *L. vannamei* DESCASCADOS

SHRIMP NUTRITION

Thursday, November 19 14:30 - 18:40 Sala 5
Chairs: Alberto Nunes, Sergio Nates

- 14:30 Craig L. Browdy**
THE PROMISE OF NEW AQUACULTURE FEEDS AND FEEDING TECHNOLOGIES
- 14:50 Claudia Figueiredo-Silva**, Adhemar R. Oliveira-Neto, Hassan Sabry-Neto, Alberto J. P. Nunes
EVALUATION OF THE NATURAL FOOD PRODUCTIVITY ON THE RESPONSE OF WHITELEG SHRIMP TO AQUAVI® MET-MET
- 15:10 Luis Alejandro Daqui**
THE PLANT PROTEIN CONCEPT IN COMMERCIAL SHRIMP FEEDS
- 15:30 Sergio F. Nates**
FISH MEAL ANALOGS: ENHANCEMENT OF ANIMAL BY-PRODUCT CONCENTRATES AS SUBSTITUTES FOR FISH MEAL AND FISH OIL IN AQUACULTURE FEEDS
- 15:50 Rodrigo Carvalho**, Liziane Lacerda, Daniel Lemos, Albert Tacon, Karina Ribeiro
ENHANCING METHOD AND SYSTEM FOR DETERMINING IN VIVO SHRIMP DIGESTIBILITY
- 16:10 BREAK**
- 17:00 Minh Anh Pham**, Huy Phong Dao, Alain Guyonvarch, Delphine Weissman, Claire Launay, Christophe Blondet, Frederic Baron, Thomas Raynauld
FEEDING MANAGEMENT IN WHITE SHRIMP *LitoPenaeus vannamei* FARMING SYSTEMS IN VIETNAM

- 17:20 Felipe Façanha**, Adhemar Oliveira-Neto, Claudia Figueiredo-Silva, Alberto Nunes
SUPLEMENTAÇÃO DIETÉTICA DE METIONINA EM RESPOSTA À DENSIDADE DE ESTOCAGEM DO CAMARÃO *Litopenaeus vannamei* (BOONE, 1931) EM ÁGUA VERDE
- 17:40 Otavio Castro**, Gonçalo Santos, Rui Gonçalves, Pedro Encarnação
ADVANCEMENTS IN FEED ADDITIVES FOR IMPROVED SHRIMP HEALTH AND GROWTH
- 18:00 Miguel Badillo Badillo**
SHRIMP DIETS AND FEED MANAGEMENT IN NURSERY AND RACEWAY SYSTEMS
- 18:20 Sigve Nordrum**, Nils Aas, Kjetil Berge, Alberto Nunes
COST EFFECTIVE USE OF KRILL MEAL IN SHRIMP DIETS

MARINE SHRIMP CULTURE - CONTINUED

Thursday, November 19 14:30 - 18:40 Sala 4

Chairs: Eudes Correa, Rodrigo Carvalho

- 14:30 Ross Dodd**
PASSIVE ACOUSTIC SHRIMP FEEDING CONTROL TECHNOLOGY STUDIES ON EXTENSIVE PONDS IN LATIN AMERICA
- 14:50 Rogerio Sotelo-Mundo**, Michael Criscitiello, Scott Dindot, Adrian Ochoa-Leyva, Alonso Lopez-Zavala, Noushin Ghaffari
PERSPECTIVES ON THE IMPACT OF NEXT GENERATION SEQUENCING (NGS) TECHNOLOGIES ON SHRIMP AQUACULTURE
- 15:10 Rogerio Sotelo-Mundo**, Michael Criscitiello, Scott Dindot, Adrian Ochoa-Leyva, Alonso Lopez-Zavala, Noushin Ghaffari, Michael Criscitiello, Scott Dindot, Adrian Ochoa-Leyva, Alonso Lopez-Zavala, Noushin Ghaffari
PERSPECTIVES OF NEXT-GENERATION SEQUENCING (NGS) TECHNOLOGIES ON THE SHRIMP AQUACULTURE
- 15:30 Javier Giraldo**, Jan Anné, Jeroen Baeyens, Tina Rogge
A NOVEL FEED ADDITIVE (PPROVIFEED™NOSPOT) WITH POTENTIAL FOR CONTROLLING WHITE SPOT SYNDROME VIRUS (WSSV) OUTBREAKS
- 15:50 Ítala Sobral**, Maria Clara Alvino Silva do Prado, Antonio Castro Santos Junior, Clarissa Vilela Figueiredo Silva Campos, Glauber Pereira de Carvalho Santos
ZOOPLANKTON COMMUNITY ANALYSIS IN SEMI-INTENSIVE CULTURE OF *Litopenaeus vannamei* AND PASSOS RIVER, PERNAMBUCO, BRAZIL

16:10 Gregory Whitis, David Teichert-Coddington
PACIFIC WHITE SHRIMP *LitoPenaeus vannamei* PRODUCTION UTILIZING
INLAND RECIRCULATING SPLIT PONDS IN WEST ALABAMA

CRAYFISH & FRESHWATER PRAWNS

Thursday, November 19 17:00 - 18:40 Sala 1

Chairs: Karina Ribeiro, Eduardo Ballester

17:00 Edilmar Cortes Jacinto, Yuniel Méndez-Martínez, Maria C. Lora-Vilchis,
Stig Yamasaki-Granados, Luis R. Martínez-Córdova, Fabiola G. Arcos
SURVIVAL AND GROWTH OF CAUQUE RIVER PRAWN *Macrobrachium*
americanum LARVAE WHEN FED *Artemia* ENRICHED WITH MICROALGAE

17:20 Aline Horácio, Priscila Maria Oliveira Campos, Hallysson Ribeiro Pena,
Daniele Bezerra dos Santos, Cibele Soares Pontes
DESEMPENHO ZOOTÉCNICO E LESÕES NO CAMARÃO DA MALÁSIA
CULTIVADO EM DIFERENTES DENSIDADES EM TANQUES-REDE

17:40 Eduardo Luis Cupertino Ballester, Ademir Heldt, Fabricio Martins Dutra,
Ana Paula de Oliveira, Jorge Alab, Pedro Gusmão Borges Neto,
Claudia Caramelo Brazão, Isabelle Mackmillan Brião, Eveliny da Silva Calgaro
PRODUÇÃO DE *Macrobrachium rosenbergii* EM SISTEMAS DE MONOCULTIVO E
POLICULTIVO NA REGIÃO OESTE DO PARANÁ - BR

18:00 Ademir Heldt, Fabricio M. Dutra, Sandra C. Forneck, Milton Ronnau,
Carolina R.O. Freire, Eduardo L.C. Ballester
ALTERAÇÕES HISTOLÓGICAS EM BRÂNQUIAS DE JUVENIS DE *Macrobrachium*
amazonicum EXPOSTO A NITRITO

18:20 Ademir Heldt, Fabricio M. Dutra, Welliton G. França, Alexandre L. Pereira,
Eduardo L. C. Ballester
CONTRIBUIÇÃO DE DIVERSAS FONTES ALIMENTARES PARA *Macrobrachium*
amazonicum ATRAVÉS DA TÉCNICA DE ISÓTOPOS ESTÁVEIS DE CARBONO E
NITROGÊNIO

EU BRAZIL COOPERATION ON AQUACULTURE

Thursday, November 19 14:30 - 18:40 Sala 7

Chairs: Patrick Sorgeloos, Ronaldo Cavalli

Ana Teresa Caetano, European Commission, DG Research Unit F4 Marine Resources,
Brussels, Belgium

EU RESEARCH AND INNOVATION: FUNDING OPPORTUNITIES FOR
AQUACULTURE

Patrick Sorgeloos, Ghent University, Belgium

EUROPEAN AQUACULTURE TECHNOLOGY AND INNOVATION PLATFORM
(EATIP): OPPORTUNITIES FOR INTERACTION WITH AQUACULTURE
STAKEHOLDERS IN BRAZIL

Roger Richardsen, SINTEF Fisheries and Aquaculture, Tromsø, Norway

STRUCTURE AND CAPABILITIES OF THE EUROPEAN AQUACULTURE
INDUSTRY: POTENTIAL FOR COSESSION: BRAZIL-EU MULTI-STAKEHOLDER
INTERACTION IN AQUACULTURE

Itamar Paiva Rocha, ABCC - Brazilian Shrimp Farmers' Association, Brazil

Ronaldo O. Cavalli, UFRPE - Universidade Federal Rural De Pernambuco, Recife, PE, Brazil
POSSIBILITIES FOR INTERACTION IN AQUACULTURE: THE PERSPECTIVE OF UFRPE

Representatives of the following institutions:

EMBRAPA - Brazilian Agricultural Research Corporation, Brasília, Brazil

FURG - Universidade Federal do Rio Grande, Rio Grande, RS, Brazil

UFSC - Universidade Federal de Santa Catarina, Florianópolis, SC, Brazil

UNESP - Universidade do Estado de São Paulo, SP Brazil

AQUABIO - Brazilian Aquaculture Society, Brazil