



PROGRAMME

Sunday June 19, 2011

4:00 pm	Registration, Radisson Blu Hotel Norge
6:00 pm	Meet & Greet, Institute of Marine Research , Welcome by the Director General of Fisheries: Liv Holmefjord

Monday June 20, 2011

8:00 am	Registration
8:45 am	Announcement (posters to be put on display at any time)
9:00 am	Welcome by G.I. van der Meeren, convener
9:05 am	Official Opening by van der Meeren, Welcome by IMR: Managing Director Tore Nepstad
Plenary Speakers	
9:15 am	The role of scientific interaction in the recover of the <i>Sagmariasus verreauxi</i> population off New South Wales, Australia - S.S. Montgomery, G.W. Liggins
9:45 am	Research on European lobster (<i>Homarus gammarus</i>) in Norway with focus local stock enhancement and genetic aspects. - K. Jørstad
10:15 am	Marine Diseases: Ecologically relevant and consequential to lobsters - M. Butler, D. Behringer, J. Shields, C. Paris, T. Dolan, J. Moss, and R. Cowen
10:45 am	Health Break
11:05 am	Lobsters as part of Marine Ecosystems- A review - B. F. Phillips, R. Wahle, M. Jaini
	Aquaculture seminar: Larval culturing Chairs: J. Goldstein & A.-L. Agnalt
11:35 am	Lobster Aquaculture and Environmental Issues - A. Jeffs
11:55 am	Culture of temperate spiny lobsters (<i>Jasus edwardsii</i> and <i>Sagmariasus verreauxi</i>) phyllosoma in Tasmania: recent developments and the prophylactic use of chemical disinfectants - Q. P. Fitzgibbon and S. Battaglione
12:15 pm	Application of advanced rearing technology of <i>Panulirus japonicus</i> phyllosoma to <i>P. homarus</i> larvae - K. Murakami, S. Sekine
12:35 pm	Bacterial manipulation in the gastrointestinal tract of early stage <i>Homarus gammarus</i> : using biotic dietary supplements to improve culture success - C. Daniels
12:55 pm	An examination into the use of ozone delivery to control bacterial assemblages and enhance the rearing performance of the early stages of the European Lobster reared under intensive conditions - A. Powell, J. Scolding, D. Boothroyd, R. Shields
1:10 pm	Lunch
	Ecology and ecosystems Chairs: F. Buchholz & R. Goñi
	Geography of top-down forcing in the Northwest Atlantic lobster-groundfish interaction: the role of predator diversity, identity and abundance - R.A. Wahle, C. Brown, K. Hovel
	Understanding the ecosystem impacts of fishing for western rock lobster: a progress report - L. M. Bellchambers, S. E. Evans and J. J. Meeuwig
	Why spiny lobsters still exist in the Mediterranean? A metapopulation approach for <i>Palinurus elephas</i> , an ancient overexploited species - D. Diaz Goñi, M. Zabala, B. Stobart, D. Renoñes, C. Linares, M. Mari, P. Abelló
	Environmental correlates of American lobster settlement at the sea surface as measured by satellites and oceanographic buoys - M. Jaini, R. Wahle, A. Thomas
	Recruitment and management Chairs: B. Phillips & A. Kough
	Modelling Ocean circulation, Stokes drift and connectivity of western rock lobster population - M. Feng, N. Caputi, J. Penn, D. Slawinski, S. de Lestang, E. Weller, A. Pearce

	Aquaculture seminar: Diet & Nutrition Chairs: K.E. Jarstad & P. James	
2:10 pm	Nutritional aspects of the aquaculture of the spiny lobster <i>Jasus edwardsii</i> - C.J. Simon, A.G. Jeffs	Preliminary assessment of the cause of the record low puerulus settlement in the West Australian Rock Lobster Fishery - N. Caputi, S. de Lestang, M. Feng, J. Penn, E. Weller, D. Slawinski, A. Pearcel, A. Denham
2:30 pm	Comparison of manufactured pellet and trash fish feeds for production of spiny lobster (<i>Panulirus ornatus</i>) in sea-cages in Vietnam - L.L. Huang, H.M. Sang, N.T. Kien, N.K. Bich, C. Jones	Use of a spatial population-dynamic assessment model in the assessment and management of the West Australian Rock Lobster Fishery during a period of low recruitment - S. de Lestang, P. Stephenson, N. Caputi, R. Fletcher
2:50 pm	Physiological condition, survival and growth in the wild of hatchery-reared stage IV American lobster (<i>Homarus americanus</i>) fed different lipid composition diets - L. Gendron, R. Tremblay, J. Coté	Sexual maturity in female American lobster - detecting major trends from the size of ovigerous females - M.J. Tremblay, M.A. Silva, A.R. Reeves, D.S. Pezzack, C. Denton
	Aquaculture seminar: Culturing operations & growth Chairs: A. Jeffs & C. Daniels	Stock assessment and trends Chairs: B. Phillips & F. Keulder
3:10 pm	Preliminary assessment of the Tropical Spiny Lobster (<i>Panulirus ornatus</i>) aquaculture under pond conditions in Australia - S. Shanks, C. Jones, L.A. Tuan	The Norwegian fishery and management of the lobsters and crabs - Gl. van der Meeren, G. Søvik, T. Thangstad
3:30 pm	Spiny lobster aquaculture in Vietnam: constraints and opportunities - L.A. Tuan	The Norwegian Nephrops fishery in Skagerrak and the Norwegian Deep - trends and monitoring - G. Søvik, S. Munch-Petersen, M. Ulmestrand
3:50 pm	Health Break	
4:10 pm	Review of Spiny Lobster Aquaculture in Indonesia - B. Priyambodo, C. Jones, S. Shanks	The French lobster fishery for 10 years - M. Laurans
4:30 pm	Advances in Spiny lobster aquaculture of the tropical species <i>Panulirus ornatus</i> . R. M. Barnard, A. Turner, T. Rumballe, M. D. Johnston, S. Harries, V. Hastie, B. Phillips	Recent large-scale shifts in the spatial distribution of West Coast Rock lobster (<i>Jasus lalandii</i>) in South Africa - A.C. Cockcroft
		Fisheries Technology Chairs: W. Watson & A.K. Woll
4:50 pm	Genetic mapping to improve growth performance, survival and feed conversion ratio (FCR) for on-growing of European lobster in Recirculating Aquaculture Systems (RAS) - A. Drengstig, -L. Agnalt, K. Jarstad	Assessing and managing unaccounted fishing mortalities in the fishery for <i>Sagmariasus verreauxi</i> in New South Wales, Australia - G.W. Liggins
05:10 pm	On-growing juvenile American lobsters (<i>Homarus americanus</i>) at sea using suspended polyculture methods in Nova Scotia, Canada - M. Theriault	Finding the unreported catch in the Norwegian lobster (<i>Homarus gammarus</i>) fishery - A.R. Kleiven, E.M. Olsen, J.H. Valstad
05:30 pm	Lobster resource enhancement in Atlantic Canada through stage IV larvae seeding: the Homarus Inc. experience - D. Daoud, M. Mallet, R. Haché, M. Comeau	Trap efficiency comparisons between two trap designs used in the fishery for the American lobster, <i>Homarus americanus</i> - J. Garland, S. Frame
05:50 pm	Biological and Economic Benefits of an American Lobster (<i>Homarus americanus</i>) Enhancement Project in Atlantic Canada - M. Comeau, M. LeBreton, M. Mallet	Fishery and ecological indices for assessing alternative fishing methods: trap versus trammel nets in Mediterranean spiny lobster fishery - S. Mallol
06:10 pm	Conditioning improves survival of hatchery-reared juvenile European lobster (<i>Homarus gammarus</i>) - A.-L. Agnalt, E. Farestveit, E.S. Gretsrud, A. Drengstig, A., K.E. Jarstad	The Implementation of Electronic Logbook Technology for Different Crustacean Fisheries in Australia, USA and South Africa - A. Barkat, F. Felaar, G. Meredith, Z. Dantie, D. du Buys
06:30 pm	Can the rags to riches tale of spiny lobster live exports from NZ be applied to the king crab fishery in Norway? - P. James, S. Siikavuipia, S. Ruud	

Tuesday June 21, 2011

8:00 am	Registration		
8:45 am	Announcements		
Plenary speakers			
8:30 am	Adaptations of Lobsters to Predators: A Review – <i>K.L. Lavalli and E. Spanier</i>		
9:00 am	Managing Lobster Resources under Stress (or what happens when the host, the pathogens and the environment team up to create a natural disaster) – <i>K. Castro, M. Tlusty, J.S. Cobb, M. Gomez-Chiari</i>		
~ Banquet ~		~ Room 6~	
	Competition and predation	Chairs: K.L. Lavalli & E. Grefsrud	Diseases
			Chair: D. Behringer
9:30 am	Geographic variation in the outcome of agonistic interactions between adult invasive green crabs <i>Carcinus maenas</i> and juvenile American lobsters <i>Homarus americanus</i> in Atlantic Canada – <i>M.L. Harr, R. Rochette</i>		Shell disease in American lobster (<i>Homarus americanus</i>) from Norwegian waters – <i>E. Karlsbakk, A.C.B. Einen, N. Sandlund, I.U. Fiksdal, E. Farestveit, K.E. Jarstad, A.-L. Agnalt</i>
9:50 am	Is there evidence for starvation in <i>Nephrops norvegicus</i> in the field? – <i>A. Watts, A. Albalat, R. McGill, P. Smith, J. Atkinson, D. Neil</i>		A brief history of American lobsters (<i>Homarus americanus</i>) and gaffkaemia (<i>Aerococcus viridians</i> var. <i>Homari</i>) in the UK – <i>P. Stebbings</i>
	Reproduction and reproductive behavior		
10:10 am	Increased reproductive opportunity: a potential benefit of seasonal aggregation for a little-gregarious spiny lobster – <i>E. Lozano-Álvarez, E. Magallón-Gayón, P. Briones-Fourzán</i>		Distinguishing disease impacts from larval supply effects in southern New England's lobster fishery collapse – <i>R.A. Wahle, M. Gibson, M. Fogarty</i>
10:30 am	Female mate choice and sperm allocation by males in a highly sedentary, habitat-specialist spiny lobster – <i>E. Magallón-Gayón, P. Briones-Fourzán, E. Lozano-Álvarez</i>		Myosporea metanephrops: the first description of a microsporidian parasite infection in clawed lobsters – <i>G.D. Stentiford, K.S. Bateman, H.J. Small, J. Moss, J.D. Shields, K.S. Reece, I. Tuckl</i>
10:50 am	Health Break	Chairs: J. Atema & P. Bouwma	
11:10 am	The importance of conserving recruitment pulses in southern rock lobster (<i>Jasus edwardsii</i>) fisheries where puerulus settlement is low or highly sporadic – <i>A. Linnane, P. Hawthorne, M. Hoare</i>		Mineral fine structure defense of the American lobster (<i>Homarus americanus</i>) cuticle – <i>J.G. Kunkel, W. Nagel, M. Jercinovic</i>
11:30 am	Maternal influences on offspring size variation and viability in wild European lobster (<i>Homarus gammarus</i>) – <i>E. Moland, E. M. Olsen, N.C. Stenseth</i>		Diseases of rock lobsters and slipper lobsters in Australia and New Zealand – <i>B. Jones, N. Caputi</i>
11:50 am	Comparative analysis of gene expression profiles from the larval American Lobster, <i>Homarus americanus</i> – <i>D. Hines, K. Fraser, Clark, A. Acorn, S.J. Greenwood</i>		New approaches to understanding emerging marine diseases: The New England shell disease research initiative for American lobster – <i>B. Somers, K.M. Castro, J.S. Cobb</i>
12:10 pm	Optimising temperature for the larval culture of <i>Panulirus ornatus</i> – <i>N.G. Sachlikidis, C.M. Jones</i>		Caribbean spiny lobster connectivity and the role of larval dispersal in the spread of an emergent disease – <i>A. Kough, C. Paris, M. Butler</i>
12:30 pm	Lunch		Chairs: G. Stentiford & N. Sandlund
1:30 pm	Hormonal control of decapod reproduction: facts and perspectives – <i>P.G. Giulianini, A. Mosco, C. Guarnaccia, P. Edomi</i>		Do casitas increase transmission of <i>Panulirus argus</i> Virus I (PaVI)? I. Variability in disease prevalence in Caribbean spiny lobsters occupying commercial casitas over a large bay – <i>R. Candia-Zulbarán, P. Briones-Fourzán, F. Negrete-Soto, C. Barradas-Ortiz, E. Lozano-Álvarez</i>
1:50 pm	Metapopulation dynamics, management areas and biological units of American lobster <i>Homarus americanus</i> in eastern Canada – <i>M.H. Larsen, B. Quinn, G. Sigurdsson, K. Dinning, B. Morse, R. Rochette</i>		Do casitas increase transmission of <i>Panulirus argus</i> Virus I (PaVI)? III. Preliminary results of a controlled field experiment in progress – <i>E. Lozano-Álvarez, P. Briones-Fourzán, R. Candia Zulbarán, F. Negrete-Soto, C. Barradas-Ortiz, J.P. Huchin-Mian</i>
	Early life stages: dispersal		
	Retention and behaviour	Chairs: L. Gendron & M. Theriault	
2:10 pm	Behavior of scyllarid phyllosoma larvae <i>3esponsibi</i> with <i>3espon</i> as revealed using in-situ video recording – <i>H. Sekiguchi, T. Tanaka</i>		Physiological characterization of juveniles of spiny lobster, <i>Panulirus argus</i> , infected naturally by virus (PaVI) – <i>Herrera-Salvatierra N, Huchin-Mian JP, Briones-Fourzán P, Lozano-Álvarez E, Rodríguez-Canul R, Pascual Jiménez C.</i>
2:30 pm	Stock separation in American Lobster is maintained by selection, genetic adaptation and <i>3esponsib</i> – <i>J. Deppermann, J. Atema, J. Halverson, K. Radcliffe, A. M. Tarrant, G. Gerlach</i>		PaVI infection in the Florida spiny lobster fishery and its effects on trap function and disease transmission – <i>D.C. Behringer, J. Moss, J.D. Shields, M.J. Butler IV</i>
2:50 pm	American lobster benthic recruitment from New England to Newfoundland as measured by diver-based suction sampling and passive postlarval collectors – <i>R.A. Wahle, C. Bergeron, J. Tremblay, C. Wilson, V. Burdett-Coutts, M.J. Comeau, R. Rochette, P. Lawton, R. Glenn, M. Gibson</i>		Ecological effects of <i>Panulirus argus</i> virus I (pavI) on <i>3esponsib</i> spiny lobster condition, <i>3esponsib</i> , and survival – <i>D.C. Behringer, M.J. Butler IV, J.D. Shields</i>

~ Banquet ~		~ Room 6~	
		DISEASE WORKSHOP	<i>Lead by D. Behringer</i>
3:10 pm	Recruitment of west coast rock lobster (<i>Jasus lalandii</i>) puerulus in relation to the upwelling environment at Lüderitz Bay, Namibia – F.J. Keulder , A.J. Booth, G.A.F. Grabler, P.J. Britz	Some interesting non-infectious ways to kill American lobsters – J. Lavallée	
3:30 pm	Settlement of the American lobster <i>Homarus americanus</i> in the southwest Bay of Fundy: patterns and patchiness at different spatial scales – G. M. Sigurdsson , R. Rochette	<u>Workshop discussion:</u> Managing Disease in Fisheries and Culture– K. Castro and J. Lavallée moderators	
3:50 pm	Local lobster subpopulations from limited adult migration and high larval retention – V. Øresland , M. Ulmestrand		
4:10 pm	Health Break Chairs: P. Bouwma & A.R. Kleiven	A European Union Reference Laboratory for Crustacean Diseases: why now? – G.D. Stentiford	
		<u>Workshop discussion:</u> Pathobiology and Molecular tools – G.D. Stentiford moderator	
4:30 pm	Large dispersal potential yet restricted distribution: phyllosomas of the two lobster species (Decapoda, Achelata) present in Robinson Crusoe Island in the Juan Fernández archipelago – A.T. Palma , I. Cáceres-Montenegro, R.S. Bennett, S. Magnolfi, L.A. Henriquez, J.F. Guerra, K. Manriquez, R.E. Palma.		
4:50 pm	First record of the early benthic juvenile stage of the Mediterranean slipper lobster, <i>Scyllarides latus</i> – E.Spanier , K.L. Lavalli	<u>Workshop discussion:</u> Ecology of Disease – D.C. Behringer and M.J. Butler moderators	
5:10 pm	Morphology Morphometric differences between lobster (<i>Homarus americanus</i>) populations at large and small spatial scales – K. Radcliffe , J. Atema, J. Halverson		
5:30 pm	Are the shield fan slipper lobster, <i>Evhacrus princeps</i> , and the horse-shoe crab <i>Limulus polyphemus</i> a case of convergence evolution? – E. Spanier , K.L. Lavalli		
5:50 pm	Finish	Finish	
7:00–9:00 pm	Poster Session. M. Tapas		

Wednesday June 22, 2011

8:00am	Registration		
8:15am	Announcements		
8:30 am	Management, fisheries and aquaculture: "Managing our own Ship": How collective action can add value to New Zealand rock lobster fisheries – <i>N. Gibbs</i>		
9:00 am	Management, fisheries and aquaculture; Lobster Research and Management in South and Southeast Asia – <i>M. Vijayakumaran</i>		
~ Banquet ~		~ Room 6 ~	
	Fisheries Management	Chairs: S. Montgomery & G. Savik	Behaviour
			Chairs: R. Wahle
9:30 am	Spiny lobster fishery in Brittany (France), how the lack of management led to the quasi-collapse of the stock. Nevertheless, positive changes in management are putting in place – <i>L. Martial, J. Habasque, N. Caroff</i>		Does the behavior of lobsters in, and around, ventless and standard lobster traps influence catch? – <i>W.H. Watson III, S. Jury, A. Clark, T. Pugh, T. Langley, J. Goldstein</i>
9:50 am	Management of the CRAB (Southern New Zealand) rock lobster fishery – the change from historical reactive government measures to industry led proactive strategies – <i>M. Lawson</i>		Egg-bearing lobster movements in coastal Gulf of Maine USA waters – Influence on egg development, larval hatch, and relevance in connectivity models – <i>J.S. Goldstein, W.H. Watson III</i>
10:10 am	With rights comes responsibilities – <i>L. Wichman</i>		Home range and activity patterns of wild European lobster (<i>Homarus gammarus</i>) studied by acoustic telemetry and archival tagging – <i>E. Moland, E.M. Olsen, H. Knutsen, K. Andvord, J.A. Knutsen, C. André, S.E. Enersen, N.C. Stenseth</i>
10:30 am	Health Break /		
			Environmental effects on recruitment Chairs: E. Spanier & J. Lavallée
10:50 am	Growth models of European lobster and identification of critical management options for rebuilding local Norwegian populations – <i>E. Mjølhus, T. Kristiansen, A.-L. Agnalt, E. Farestveit, K.E. Jarstad</i>		Increase in the period of closure of lobster (<i>Panulirus</i> spp.) fishery and its effects on the catch of puerulus and juveniles in collectors of algae of the genus <i>Gracilaria flecheiras</i> beach, State of Ceara, northeastern Brazil – <i>M. Ogawa, T.M. Neto</i>
11:10 am	POTBot: A cost effective approach to mapping habitats – <i>M. Barrett Pember, S. de Lestang, and D. Slawinski</i>		Effect of temperature on the time budget of stage IV larvae of the American lobster (<i>Homarus americanus</i>) – <i>M. Chiasson, G. Miron, D. Daoud, M. Mallet</i>
	Fisheries development and live holding	Chairs: K. Castro & M. Burton	
11:30 am	The Norwegian Nephrops fishery on Mare – trap fishery and live handling – <i>A.K. Wall, G. Savik, W.E. Larssen</i>		Impacts of seaweed bed dynamics on early benthic stages of the Japanese spiny lobster, <i>Panulirus japonicus</i> , and possible connections with sea warming – <i>T. Yoshimura, K. Yatsuya, S. Kiyomoto, S. Arai</i>
			Biochemistry
11:50 am	Going live: a science-industry collaboration to develop an Icelandic live lobster product – <i>H. Philp, G. Marteinsdottir</i>		A summary of hemolymph plasma biochemistry profile results from American lobsters (<i>Homarus americanus</i>) in Atlantic Canada (2007-2010) – <i>A. Battison, J. Lavallée</i>
12:10 pm	Use of artificial shelters ("Casitas") as an alternative tool for management and stock evaluation of Caribbean spiny lobsters in Banco Chinchorro (México) – <i>K. Ley-Cooper², E. Lozano-Alvarez¹, P. Briones-Fourzán¹, E. Sosa-Cordero³, M. García Rivas⁵</i>		Effect of photoperiod manipulation on the biochemical composition of the spiny lobster, <i>Panulirus homarus</i> – <i>M. Vijayakumaran, J.T. Mary Leema, R. Kirubakaran, M.C. Remany, D. Magesh Peter</i>
12:30 pm	Lunch		
16:00 pm	Conference Cruise		

Thursday June 23, 2011

8:30 am	Registration		
8:45 am	Announcements		
9:00 am	Plenary: MPA: Responses of the spiny lobster <i>Palinurus elephas</i> to 20 years of protection in a temperate marine reserve: R. Gotti		
		~ Banquet ~	~ Room 6 ~
	MPA	Chairs: M. Butler & P. Briones-Fourzán	Neurobiology, Sensory Biology and Behaviour Chair: R. Wahle
10:10 am	Marine protected areas for lobsters – why bother? – A. Sundelöf		See me, feel me, hear me, eat me – Win Watson
10:30 am	Lobster reserves in coastal Skagerrak: a field laboratory for science and management – E. Moland, E.M. Olsen, H. Knutsen, A.R. Kleiven, J.A. Knutsen		How predator kairomones and substrate quality affect and influence the behaviour response of the European lobster (<i>Homarus gammarus</i>) – K.L. Nilsen, G. I. Van der Meeren, P. Jakobsen
10:50 am	Health Break		
11:10 am	Population age structure of the Caribbean spiny lobster, <i>Panulirus argus</i> , in a marine protected area in Florida Keys, USA – K.E. Maxwell, T.R. Matthews, R.D. Bertelsen, C.D. Derby		Crushing defeat remembered – J. Atema, D. Shi, H. Braverman
11:30 am	Estimates of mortality, movements and sustainability of the lobster fishery at Sian Ka'an Marine Protected Area Mexico – K. Ley-Cooper, S. De-Lestang, B. Phillips		Empty inside: are 'large' female lobsters (<i>Homarus americanus</i>) in Southern New England failing to mate? – T.L. Pugh, J.S. Goldstein, K. L. Lavalli, M. Glancy, H. Winsor
	Physiology	Chairs: J. Garland & P. Guilianini	
11:50 am	Examination of protein expression during ovary maturation in American lobsters (<i>Homarus americanus</i>) – R. Summerfield, A. Battison		Class-level vs. true individual recognition in the American lobster (<i>Homarus americanus</i>) – F. Gherardi, F. Cenni, L. Aquiloni
12:10 pm	Effect of temperature and body size on long-term emersion and re-immersion responses of the American lobster, <i>Homarus americanus</i> – J. Garland, R. Uglow		Spiny lobster sound production: Antipredator behavior helps lobsters survive variable environments – P.E. Bouwma, M.J. Childress
12:30 pm	Physiological assessment of American lobsters (<i>Homarus americanus</i>) held in a specialized live seafood transport system – M. Burton, A. Battison, J. Lavallée		Olfactory Orientation and Imprinting in European Lobster Larvae, <i>Homarus gammarus</i> (L.) – H. Alberts-Hubatsch, G. Gerlach, I. Schmalenbach, H. Franke
12:50 pm	Sex-specific differences in <i>Nephrops norvegicus</i> haemolymph total protein during the moult cycle – H. Philp, G. Marteinsdottir		
13:10 pm	Lunch		
2:00 pm	Plenary: Neurobiology. Basic structure and function of the nervous system in lobsters and their decapod relatives: a review: S. Harzsch		
	Growth-related physiology	Chairs: M.J. Tremblay & A. Watts	NEUROBIOLOGY, SENSORY BIOLOGY and BEHAVIOUR WORKSHOP <i>Cancelled</i>
2:20 pm	Protein synthesis in wild-caught Norway lobster (<i>Nephrops norvegicus</i> L.) – E. Mente, C.G. Carter, R.S. (Katersky)Barnes, I.T. Karapanagiotidis		
2:40 pm	Health Break		
3:00 pm			Growth-related physiology, cont. Chairs: M.J. Tremblay & A. Watts
3:20 pm			Impact of endosulfan on growth, histology and metabolic rates in juveniles of American lobster (<i>Homarus americanus</i>) – D. Daoud, W. Fairchild, P. Jackman, K. Benhalima, M. Comeau, B. Bruneau, D. Chabot, M. Mallet
3:40 pm			Nutritional Condition of the American lobster, <i>Homarus americanus</i> , at different stages of the moult cycle – M. Ciaramella, A. Battison, B. Horney, R. Summerfield
4:00 pm			Temperature matters: moving toward a degree-day model for the growth of the American lobster – C. Bergeron, R. Wahle, Y. Chen, P. Lawton
			Finish

6:30 pm

Banquet night

Refreshments

Jazz concert with the Science Fair: *Oded ben-Horin, Thomas Dahl & Stein Inge Brækhus*

Dinner . Ham, halibut and Crème Brulee

Hosted by **Ann-Lisbeth Agnalt** and **Ellen S. Grefsrud**, IMR

Entertainment: Musical lecture on "The civilisation of humans and lobsters" - *J. Atema*,

Dessert

Paul Kanciruk Student Travel Award Raffle Prize ceremony

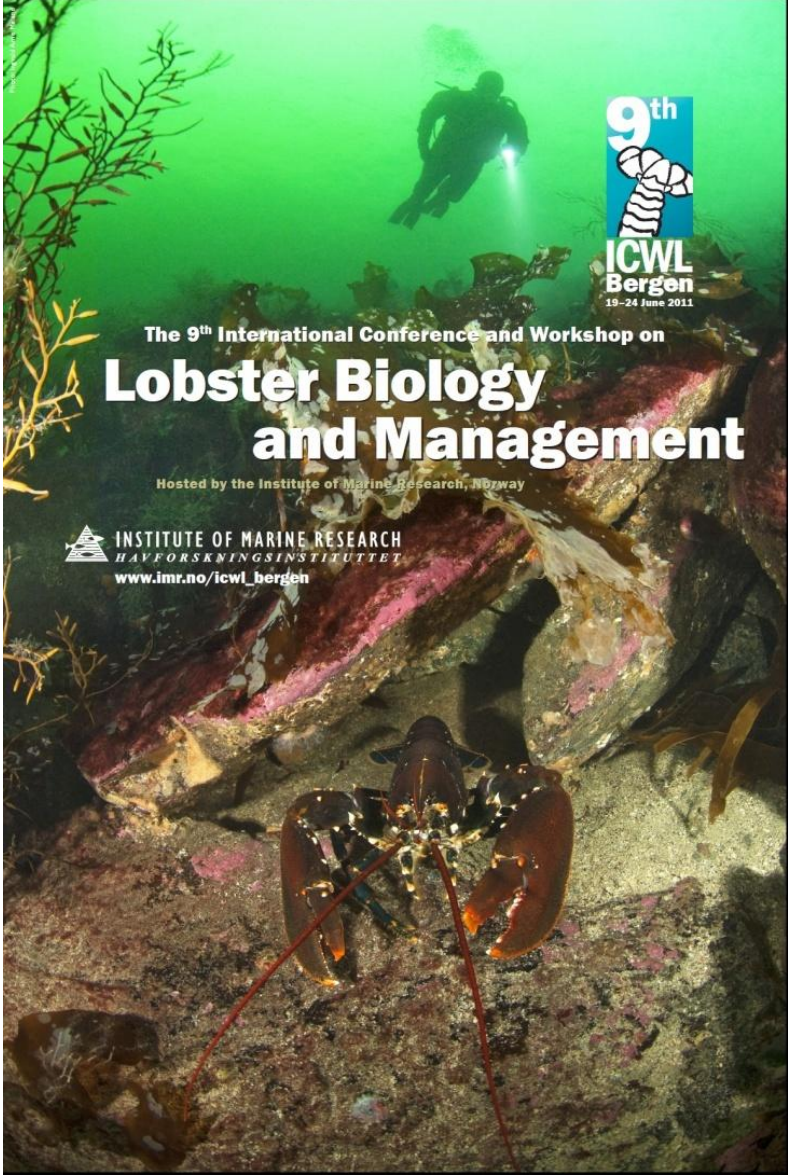
Dance. *Per Pahr Band*

Banquet finishes 11:30 pm

Friday June 24, 2011

Plenary


9:30 am	Farewell session
9:45 am	Award ceremony, best student presentations
10:00 am	Summary and conclusions from the Disease workshop
10:15 am	Summary from the Aquaculture seminar
10:30 am	Summary from the Aquaculture seminar
10:45 am	Call for papers to the special issue of Aquaculture, Marine Biology Research, Fisheries research and Disease of Aquatic Organisms
11:00 am	Presentation of the 10 th International Conference and workshop on Lobster Biology and Management
11:30 am	Announcements of the post-conference tours Farewell



9th
ICWL
Bergen
19–24 June 2011

The 9th International Conference and Workshop on
**Lobster Biology
and Management**

Hosted by the Institute of Marine Research, Norway

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