

## Mathias Paschen & Adnan Tokaç: DEMaT'19 – Structure of the Sessions

Session Nr.	Title of session	Authors	Title	Chairman
1	Numerical analyses of net-like structures with applications in fishery and marine aquaculture	Daniel PRIOUR & Jean-Yves BILLARD	MEASUREMENTS AND NUMERICAL MODELING OF THE TOWING AND HAULING BACK PHASES OF A BOTTOM SEINE	Adnan TOKAÇ
		Chun Woo LEE, Kyusuk CHOI, Dayun LEE & Yongsuk JANG	ANALYSIS OF DANISH SEINE GEAR BEHAVIOR USING A NUMERICAL MODEL	
		Karsten BREDDERMANN, Mike STONE & Noëlle YOCHUM	FLOW ANALYSIS OF A FUNNEL-STYLE SALMON EXCLUDER	
2	Numerical analyses of net-like structures with applications in fishery and marine aquaculture	Shintaro GOMI, Tsutomu TAKAGI, Katsuya SUZUKI, Rika SHIRAKI, Ichiya OGINO & Shigeru ASAUMI	NUMERICAL SIMULATION OF PURSE SEINE NET SHAPE WITH DATA ASSIMILATION OF OBSERVATION DATA OF LEAD LINE DEPTH	Chun Woo LEE
		Stephan SCHACHT & Mathias PASCHEN	RESULTS OF NUMERICAL AND EXPERIMENTAL INVESTIGATIONS ON TWISTED ROPES	
		Sarath Krishnan KARUMATHIL & Manuel Jesús GONZÁLEZ CASTRO	SIMULATION OF FLUID FLOW ACROSS NET STRUCTURES WITH A POROUS MEDIA APPROACH	
3	Experimental investigations at sea - methods and results	Mustafa Tolga TOLON & Adnan TOKAÇ	REVIEW OF PHYSICAL AND BIOLOGICAL FACTORS INFLUENCING STABILITY OF FLOATING OFFSHORE NET CAGES	Tsutomu TAKAGI
		Elsa CUENDE, Luis ARREGI, Bent HERRMANN, Manu SISTIAGA & Mikel BASTERRETXEA	RELEASE EFFICIENCY OF A BOTTOM TRAWL SQUARE MESH PANEL: EFFECT OF ENGINEERING CHANGES	
		Ali ULAŞ, Adnan TOKAÇ & Enis Noyan KOSTAK	THE EFFECTS OF LED LAMPS ON THE FISH COMMUNITIES AROUND ARTIFICIAL REEF IN İZMİR BAY	

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4	Applications of imaging methods in fishery and marine aquaculture	Adnan TOKAÇ, Bent HERRMANN & Enis Noyan KOSTAK	A PRELIMINARY STUDY ON THE INTEGRATION OF 3D SCAN IMAGES TO THE FISHSELECT APPLICATIONS	Hans Polet
		Alexander NEDOSTUP, Aleksey RAGEV	THE CALCULATION SCHEME FOR SIMULATOR OF RADAR ON TRAWLER	
		Satoru ABE, Tsutomu TAKAGI, Shinsuke TORISAWA, Hitoshi HABE, Koji ABE, Nobukazu IGUCHI, Kohsei TAKEHARA, Shukei MASUMA, Hiroki YAGI, Shoji NAKAI, Takeharu YAMAGUCHI & Shigeru ASAUMI	EXAMINATION OF IMAGE EXTRACTION METHOD FOR FISH INDIVIDUALS IN AQUACULTURE NET CAGE	
5	Modern materials and manufacturing methods for maritime technologies	Alexander Nedostup, Pavel Nasenkov, Aleksey Ragev & Vladimir Naumov	THE RESEARCH OF THE PHYSICAL AND MECHANICAL PROPERTIES OF THREAD-ROPE FISHING MATERIALS	Barry O'Neill
		Christoph STREHSE, Mathias PASCHEN, Adnan TOKAÇ, Olaf MOLLENHAUER, Tobias GOBLIRSCH & Robert SCHIMA	RAPID PROTOTYPING DEVELOPMENT OF AN IN-SITU SENSOR SYSTEM FOR OPEN OCEAN AQUACULTURE	
		Alexander Nedostup, Pavel Nasenkov, Aleksey Ragev, Karina Konovalova, Maria Nikiforova & Vladimir Naumov	THE STUDY OF THE ELASTICITY OF FILAMENTOUS SYNTHETIC FISHING MATERIALS	
		Seongjae JEONG, Inok KIM, Changdoo PARK, Bongseong BAE, Seonghun KIM & Geumcheol JEONG	PUBLICATION OF THE ILLUSTRATION BOOK OF KOREAN FISHING VESSELS	