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Content List of 2012 IFAC Workshop on Automatic Control in Offshore Oil and Gas Production

Technical Program for Thursday May 31, 2012

ThPI1		EL5	ThA2.1
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Chair: Skogestad, Sigurd	Norwegian Univ. of Science & Tech.	Soldan, Samuel	Univ. of Kassel
08:40-09:25			
The Role of Automation in Future Offshore Operations*	ThPI1.2	Bonow, Gero	Univ. of Kassel
Hersvik, Karl Johnny	Statoil ASA	Kroll, Andreas	Univ. of Kassel
09:25-10:10		ThA2.2	
<i>All Subsea Solutions, Technology to Move the Platform to the Seabed*</i>			
Johansen, Christina	FMC Kongsberg Subsea AS	Fjerdingen, Sigurd Aksnes	SINTEF ICT
ThA1		NTNU	
Reservoir Optimization (Regular Session)			
Chair: Van den Hof, Paul M.J.	Eindhoven Univ. of Tech.	Bjerkeng, Magnus	SINTEF ICT
Co-Chair: Edgar, Thomas F.	Univ. of Texas at Austin	Transeth, Aksel Andreas	Norwegian Univ. of Science and Tech.
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Do, Sy	Univ. of Tulsa	Røyrøy, Anders	Statoil ASA
Forouzanfar, Fahim	Univ. of Tulsa	11:10-11:30	
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<i>Real-Time Production Optimization and Reservoir Management at the IO Center, pp. 7-12.</i>		Skourup, Charlotte	ABB
Foss, Bjarne	Norwegian Univ. of Science & Tech.	11:30-11:50	
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Szklarz, Slawomir	Delft Univ. of Tech.	Hovland, Geir	Univ. of Agder
Rojas, Marielba	Delft Univ. of Tech.	Anisi, David A.	ABB
Kaleta, Małgorzata	Shell Global Solutions International	11:50-12:10	
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<i>Integrated Capacitance-Resistance Model for Characterizing Waterflooded Reservoirs, pp. 19-24.</i>		Leite, Antonio C.	Federal Univ. of Rio de Janeiro
Kim, Jong Suk	Univ. of Texas at Austin	Lizarralde, Fernando	Federal Univ. of Rio de Janeiro
Lake, Larry W.	Univ. of Texas	From, Pål Johan	Norwegian Univ. of Life Sciences
Edgar, Thomas F.	Univ. of Texas at Austin	Costa, Ramon R.	COPPE - Federal Univ. of Rio de Janeiro
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Qin, S. Joe	Univ. of Southern California	EL5	
Barham, Michael	Chevron	Directional Drilling (Regular Session)	
ThA2		Chair: Bayliss, Martin Thomas	Schlumberger Ltd
Robotics and Autonomous Systems (Regular Session)		Co-Chair: Siahaan, Hardy B.	International Res. Inst. of Stavanger (IRIS)
Chair: Anisi, David A.	ABB	13:30-13:50	
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Sun, Hui	Univ. of Illinois at Urbana-Champaign	Whidborne, James F.	Cranfield Univ.
Li, Zhiyuan	UIUC	ThB1.2	
Hovakimyan, Naira	UIUC	<i>L1 Adaptive Control for Directional Drilling Systems, pp. 72-77.</i>	

Basar, Tamer	Univ. of Illinois at Urbana-Champaign	<i>A New Discrete Slug-Flow Controller for Production Pipeline Risers, pp. 122-127.</i>
Downton, Geoff	Schlumberger	Federal Univ. of Santa Catarina
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Whidborne, James F.	Cranfield Univ.	
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Ignova, Maja	Schlumberger	
Hornblower, Peter John	Schlumberger	
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Safonov, Michael G.	Univ. of Southern California	
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Chair: Skogestad, Sigurd	Norwegian Univ. of Science & Tech.	
Co-Chair: Petit, Nicolas	MINES ParisTech	
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Plucenio, Agustinho	Univ. Federal de Santa Catarina	
Ganzaroli, Cleber A.	Federal Univ. of Santa Catarina	
Pagano, Daniel Juan	Federal Univ. of Santa Catarina	
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Hoel Helgesen, Anette	BP Norge AS	
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Di Meglio, Florent	UCSD	
Kaasa, Glenn-Ole	Statoil, Res. Centre Porsgrunn	
Petit, Nicolas	MINES ParisTech	
Alstad, Vidar	Norsk Hydro ASA	
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Krima, Hazem	Cranfield Univ.	
Cao, Yi	Cranfield Univ.	
Lao, Liyun	Cranfield Univ.	
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Li, Zhiyuan	UIUC	
Hovakimyan, Naira	UIUC	
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Freitas, Marcela	UFFRJ	
Folsta, Mauricio	PETROBRAS	
Gandelman, Roni	PETROBRAS	
Martins, Andre	PETROBRAS	
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Kazakov, Nikolay	Russian State Univ. of Oil and Gas	
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Nybø, Roar	SINTEF Petroleum Res.	
Hovland, Svein	Statoil	
Johansen, Tor Arne	Norwegian Univ. of Science and Tech.	
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Ermolaev, Alexander	Gubkin Russian State Univ. of Oil and Gas	
Grebennik, Oleg	Inst. of Control Sciences of Russian Acad. of Sciences	
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Co-Chair: Kittilsen, Pål	Cybernetica AS	
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Kittilsen, Pål	Cybernetica AS
Hauger, Svein Olav	Cybernetica AS

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Trivedi, Japan	Univ. of Alberta, Civil and Environmental Engineering
Nejadi, Siavash	Univ. of Alberta, Civil and Environmental Engineering
Leung, Juliana	Univ. of Alberta, Civil and Environmental Engineering

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Benetazzo, Flavia	Univ. Pol. delle Marche
Ippoliti, Gianluca	Univ. Pol. delle Marche
Longhi, Sauro	Univ. Pol. delle Marche
Raspa, Paolo	Univ. Pol. delle Marche

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Hassani, Vahid	Inst. Superior Tecnico (IST)
Soerensen, Asgeir	Norwegian Univ. of Science and Tech.
Pascoal, Antonio M.	ISR-Inst. Superior Tecnico

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Hassani, Vahid	Inst. Superior Tecnico (IST)
Soerensen, Asgeir	Norwegian Univ. of Science and Tech.
Pascoal, Antonio M.	ISR-Inst. Superior Tecnico

Technical Program for Friday June 1, 2012

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Chair: Skofteland, Gunleiv	Statoil ASA	Miyoshi, Simone Federal Univ. of Rio de Janeiro
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Van den Hof, Paul M.J.	Eindhoven Univ. of Tech.	Secchi, Argimiro R. PEQ - COPPE/UFRJ
Jansen, Jan Dirk	Delft Univ. of Tech.	Teixeira, Alex Petroleo Brasileiro S.A. (Petrobras)
Heemink, Arnold	Delft Univ. of Tech.	Campos, Mário Petroleo Brasileiro S.A. (Petrobras)
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Chair: Godhavn, John-Morten	Statoil	Mercangöz, Mehmet ABB Switzerland Ltd.
Co-Chair: Nygaard, Gerhard	International Res. Inst. of Stavanger	Besselmann, Thomas ABB Switzerland Ltd.
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Mjaavatten, Erlend	Ocean Riser Systems	Soleiman, Kian Rambøll Oil & Gas A/S
Falk, Kristin	Ocean Riser Systems	Lohndorf, Bo Rambøll Oil & Gas A/S
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Nygaard, Gerhard	International Res. Inst. of Stavanger	Gravdahl, Jan Tommy Norwegian Univ. of Science & Tech.
Time, Rune W.	Univ. of Stavanger	11:40-12:00 FrAT2.5
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Reitsma, Donald	Schlumberger	Moreno, Ubirajara F. Federal Univ. of Santa Catarina
Couturier, Yawan	Schlumberger	Haramura, Decio, Jr. Federal Univ. of Santa Catarina
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Cayeux, Eric	International Res. Inst. of Stavanger	
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Mahdianfar, Hessam	Norwegian Univ. of Science and Tech. (NTNU)	Grimstad, Bjarne IO-Center, NTNU and ITK, NTNU
Aamo, Ole Morten	NTNU	Gunnerud, Vidar NTNU
Pavlov, Alexey	Statoil ASA	Ljungquist, Dag FMC Tech.
		Ausen, Håvard NTNU
		Lervik, Victoria NTNU
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Chair: Yang, Zhenyu	Aalborg Univ.	Grimstad, Bjarne IO-Center, NTNU and ITK, NTNU
Co-Chair: Moreno, Ubirajara F.	Federal Univ. of Santa Catarina	Gunnerud, Vidar NTNU
10:20-10:40	FrAT2.1	Ljungquist, Dag FMC Tech.
		Ausen, Håvard NTNU
		Lervik, Victoria NTNU
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Akhmetzyanov, Atlas	Inst. of Control Sciences, Russian Acad. of Sciences	Akhmetzyanov, Atlas Inst. of Control Sciences, Russian Acad. of Sciences
Salnikov, Anton	Inst. of Control Sciences, Russian Acad. of Sciences	Salnikov, Anton Inst. of Control Sciences, Russian Acad. of Sciences
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Capolei, Andrea	Tech. Univ. of Denmark (DTU)
Völcker, Carsten	Tech. Univ. of Denmark
Frydendall, Jan	Tech. Univ. of Denmark
Jorgensen, John Bagterp	Tech. Univ. of Denmark

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Silva, Thiago L.	Federal Univ. of Santa Catarina
Codas, Andrés	UFSC
Camponogara, Eduardo	Univ. Federal de Santa Catarina

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Chair: Hovland, Geir	Univ. of Agder
Co-Chair: Fortaleza, Eugenio	Univ. de Brasilia

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Tyapin, Ilya	Univ. of Agder
Hovland, Geir	Univ. of Agder
Hansen, Michael Rygaard	Univ. of Agder

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Fortaleza, Eugenio	Univ. de Brasilia
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Choux, Martin	Univ. of Agder
Hovland, Geir	Univ. of Agder
Blanke, Mogens	Tech. Univ. of Denmark

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Haaø, Jørgen	Univ. of Agder
Vangen, Steffen	Univ. of Agder
Tyapin, Ilya	Univ. of Agder
Choux, Martin	Univ. of Agder
Hovland, Geir	Univ. of Agder
Hansen, Michael Rygaard	Univ. of Agder