

**CFD Workshop TOKYO 2005
Program**

Wednesday, 9 March

08:30 Registration

09:50 Opening

10:00 – 11:00 Session 1

1.1) Luquet, R., Jacquin, E., Alessandrini, B. and Guillerm, P.E.:

"RANSE with Free Surface Computations around Fixed and Free DTMB 5415 Model, in Still Water and in Waves"

1.2) Broglia, R., Muscari, R. and Di Mascio, A.:

"Computations of Free Surface Turbulent Flows Around Ship Hulls by a RANS Solver"

1.3) Rhee, S.H. and Skinner, C:

"Unstructured Grid Based Navier-Stokes Solver for Free-Surface Flow around Surface Ships"

1.4) Pattenden, R.J., Turnock, S.R. and Pashias, C.:

"Oblique Ship Flow Predictions Using Identification of Vortex Centres to Control Mesh Adaptation "

11:10 – 12:10 Session 2

2.1) Hsu, K.L., Chen Y.J., Chau, S.W., Chien, H.P. and Kouh, J.S.:

"Ship Flow Computation of DTMB 5415"

2.2) Chien, H.P., Kouh, J.S., Chau, S.W., Hsu, K.L. and Chen Y.J.:

"Ship Flow Computation of KVLCC2M "

2.3) Ostman, A.:

"Computation of Free-Surface Viscous Flow Around the DTMB 5415 and KCS Hull Forms "

2.4) Deng, G.B. , Guilmineau, E., Queutey, P. and Visonneau, M.:

"Ship Flow Simulations with the ISIS CFD Code"

12:10 – 14:00 Lunch

14:00 – 15:00 Session 3

3.1) Chao, K. K.-Y.:

"Numeric Propulsion Simulation for the KCS Container Ship"

3.2) Wilson, R., Carrica, P. and Stern, F.:

"RANS Simulation of a Container Ship Using a Single-Phase Level Set Method with Overset Grids"

3.3) Carrica, P.M., Wilson, R.V. and Stern, F:

"Linear and Nonlinear Response of Forward Speed Diffraction for a Surface Combatant"

3.4) Simonsen, C.D. and Stern, F.:

"RANS Simulation of the Flow around the KVLCC2 Tanker"

15:00 - 15:30 Break

15:30 - 16:30 Session 4

4.1) Regnstrom, B., Broberg, L., Ostberg, M., Bathfield, N. and Larsson, L.

"Drag Prediction for the KVLCC2M Hull"

4.2) Gorski, J.J. and Coleman, R. M.:

"Computations of the KVLCC2M Tanker under Yawed Conditions"

4.3) Miller, R., Gorski, J., Wilson, R. and Carrica, P.:

"RANS Simulation of a Naval Combatant Using a Single-Phase Level Set Method with Overset Grids"

4.4) Bull, P.W.:

"Verification and Validation of KVLCC2M Tanker Flow"

16:40 – 17:40 Session 5

5.1) Luebke, L.O.:

"Numerical Simulation of the Flow around the Propelled KCS"

5.2) Cura Hochbaum, A. and Pierzynski, M.:

"Flow Simulation for a Combatant in Head Waves"

5.3) Kim, J. Park. I.-R. and Van, S.-H.:

"RANS Computations for KRISO Container Ship and VLCC Tanker using the WAVIS code"

5.4) Tahara, Y., Wilson, R., and Carrica, P.:

"Comparison of Free-Surface Capturing and Tracking Approaches in Application to Modern Container Ship and Prognosis for Extension to Self-Propulsion Simulator"

Thursday, 10 March

09:30 – 10:30 Session 6

6.1) Chou, S.K, Chin, S.S., Chang, F.N. and Wu, C.H.:

"Computations of Flow around Ships with Free Surface or Obliqued Towing Angle "

6.2) Starke, B. van der Ploeg, A. and Raven, H.:

"Free-surface Viscous Flow Computations for KCS and 5415 Models Using the PARNASSOS Code"

6.3) Eca, L., Hoekstra, M. and Toxopeus, S.L.:

"Calculation of the Flow around the KVLCC2M Tanker"

6.4) Suzuki, K., Hirakawa, R., Ojima A. and Kamemoto, K.:

"Calculation of Viscous Flow around Ship Models by Means of Advanced Vortex Method"

10:30 – 11:00 Break

11:00 – 11:45 Session 7

7.1) Hirata, N.:

"Ship Flow Computations for KVLCC2M"

7.2) Sato, Y., Kobayashi, H. and Hino, T.:

"Ship Flow Computations by Unstructured Navier-Stokes Solver SURF"

7.3) Kume, K., Hasegawa, J., Tsukada, Y., Fujisawa, J., Fukasawa, R. and Hinatsu, M.:

"Measurements of Hydrodynamic Forces, Surface Pressure and Wake for Obliquely Towed KVLCC2M Model and Uncertainty Analysis"

11:45 – 14:00 Lunch

14:00 – 15:00 Discussion 1

Discussion on KCS

Test Case 1.1 (Tow)

Test Case 2 (SP)

15:00 - 15:30 Break

15:30 - 16:30 Discussion 2

Discussion on DTMB(1)

Test Case 1.2 (Tow)

Test Case 1.3 (Free)

19:00- Banquet at Kichijoji Dai-ichi Hotel

Friday, 11 March

09:30 – 10:30 Discussion 3

Discussion on KVLCC2M(1)

Test Case 1.4 (Tow)

Test Case 5 (Common Grids)

10:30 – 10:50 Break

10:50 – 11:50 Discussion 4

Discussion on KVLCC2M(2)

Test Case 3 (Oblique)

11:50 -14:40 Lunch / Tour of NMRI Campus

14:40 – 15:40 Discussion 5

Discussion on DTMB(2)

Test Case 4 (Diffraction)

15:40 – 16:00 Break

16:00 – 16:30 General Discussion

16:30 - Closing

March 9(Wed)		March 10 (Thu)		March 11 (Fri)	
8:30-9:50	Registration				
9.50-10:00	Opening	09:30-10:30	Session 6 6.1 Chou 6.2 Starke 6.3 Eca 6.4 Suzuki	09:30-10:30	Discussion on KVLCC2M(1) Test Case 1.4 (Tow) Test Case 5 (CommG)
10:00-11:00	Session 1 1.1 Alessandrini 1.2 Di Mascio 1.3 Rhee 1.4 Pattenden	10:30-11:00	Break	10:30-10:50	Break
11:10-12:10	Session 2 2.1 Chau-1 2.2 Chau-2 2.3 Ostman 2.4 Visonneau	11:00-11:45	Session 7 7.1 Hirata 7.2 Sato 7.3 Kume	10:50-11:50	Discussion on KVLCC2M(2) Test Case 3 (Oblique)
12:10-14:00	Lunch	11:45-14:00	Lunch	11:50-14:40	Lunch/Photo/Tour
14:00-15:00	Session 3 3.1 Chao 3.2 Wilson 3.3 Carrica 3.4 Simonsen	14:00-15:00	Discussion on KCS Test Case 1.1 (Tow) Test Case 2 (SP)	14:40-15:40	Discussion on DTMB(2) Test Case 4 (Diffraction)
15:00-15:30	Break	15:00-15:30	Break	15:40-16:00	Break
15:30-16:30	Session 4 4.1 Regnstrom 4.2 Gorski 4.3 Miller 4.4 Bull	15:30-16:30	Discussion on DTMB (1) Test Case 1.2 (Tow) Test Case 1.3 (Free)	16:00-16:30	General Discussion
16:40-17:40	Session 5 5.1 Luebke 5.2 Cura Hochbaum 5.3 Kim 5.4 Tahara			16:30-16:40	Closing
		19:00	Banquet		