Simulator Sickness Symposium – Tentative Agenda

Date:	March 8 th , 2004
Location:	12350 Research Parkway
	Partnership One
	Room 209
	Orlando, FL 32826
POC:	Robert Allen
	Robert.Allen@Navy.Mil
	(407) 380-4773
Administrative	Sherry Ogreten
POC:	<u>Sherry.Ogreten@Navy.Mil</u>
	(407) 380-4361

Purpose: The Simulator Sickness Symposium was conceived after an appeal was sent to me by Professor Yoshizawa of the Research Division on Advanced Information Technology, Information Synergy Center, Thoku University, Japan. He sent the following request for assistance:

"Recently, we have started the study regarding image-induced sickness based on biological signal interpretation and quantification of image scenes. We have investigated biological signals in terms of autonomic regulation. Besides, we are trying to quantify vection-induced image scenes by motion vectors and find a quantitative method for assessing the effect of cyber-sickness on humans by means of physiological indices. For these two years, we obtained several findings. However, we do not have enough experience for interpreting the results as a whole."

Objectives: The conference has three objectives:

- 1. Listen to Professor Yoshizawa's and colleagues' presentations to assist them in interpreting their overall results.
- 2. Provide an opportunity for researchers in the simulator sickness field to present and discuss their results.
- 3. Discuss mitigation strategies for simulator sickness.

Tentative Agenda: The following is a tentative agenda for the Simulator Sickness Symposium to be held March 8th, 2004 in Orlando, FL (I still am waiting to hear from two presenters).

Tentative Agenda

Time	Scheduled Event	Name	Organization
8:30-	Sign-In/Snacks: Foreign nationals, please arrive by 8:15. Money	Sherry Ogreten	NAVAIR Orlando TSD
9:00	collected for snacks (\$3.00 – required) and lunch (\$8.00 – optional)		
9:00-	Welcome/Agenda Overview	Robert Allen, Ph.D.	NAVAIR Orlando TSD
9:15			
9:15-	Influence of Vection-Induced Images on Autonomic Regulation	Tohru Kiryu, Professor	Division of Information Science,
9:45	Evaluated by Time-Varying Behavior of Motion Vectors		Graduate School of Science and Technology,
			Niigata University
9:45-	Effects of Optic Flow and Image Pattern on Visually-Induced Motion	Hiroyasu Ujike, Ph.D.	Perception Group, Institute for Human Science
10:15	Sickness		and Biomedical Engineering,
			National Institute of Advanced Industrial
			Science and Technology
10:15-	Break		
10:20			
10:20-	A Novel Method for Assessing Autonomic Nervous Function Induced	Makoto Yoshizawa,	Research Division on Advanced Information
10:50	by Visual Stimulation Using Multiple and Simultaneous	Professor	Technology,Information Synergy Center,
10.70	Measurement		Tohoku University
10:50 -	Vection and motion sickness using different wallpaper patterns	Robert Kennedy, Ph.D.	RSK Assessments, Inc.
11:20			
11:20 -	General Discussion	All	
11:30			
11:30 -	Lunch	All. (In-house optional)	
1:00			
1:00 -	VOR measurements in individuals after virtual reality	Michael E. Hoffer, CDR	Department of Defense Spatial Orientation
1:30	Simulator Sidenass Differences Detwoon Interior and Exterior	MC USN	Army Passareh Instituta
1.30 - 2.00	Virtual Environments	Jason King, ABD	Army Research Institute
2:00	Break		
2.00-	bleak		
2:05 -	An Overview of Simulator Sickness in Fixed-Based Driving	Ronald Mourant Ph D &	Virtual Environments Laboratory Northeastern
2:35	Simulators	Beverly K Jaeger Ph D	University
2:35 -	Rehabilitation/prevention of simulator sickness in the future	Kim R Gottshall COL	Department of Defense Spatial Orientation
3:05	Rendom unon provendon or simulator sterness in the rature	AMSC USA.	Center, Naval Medical Center San Diego
3:05 -	Devices for Controlling Motion Effects and Motion Platforms for	Keith Brendley. President	Artis. LLC
3:35	Creating Them	, , , 	
3:35 -	General Discussion	All	
3:50			
3:50 -	Virtual Technologies and Environments: Overview and	LT Rick Arnold & Leticia	NAVAIR Orlando TSD
4:05	Demonstration (Optional)	Izquierdo	