

VRRM 2007 - International Workshop

VIRTUAL REALITY IN REHABILITATION MEDICINE

SEPTEMBER 24-25, 2007

University of Medicine and Pharmacy "Carol Davila" Bucharest, ROMANIA

<http://www.icvl.eu/2007/vrrm>

2-Day Course: DEVELOPMENT AND EVALUATION OF VIRTUAL REALITY ENVIRONMENTS AND REHABILITATION MEDICINE

(7 hours first day, 7.5 hours second day)

ADVANCE PROGRAM

MONDAY, SEPTEMBER 24, 2007

TIME	TOPIC	INSTRUCTOR
8:00-9:00	REGISTRATION	
9:00-9:30	Opening: Romanian organizers and official	
SESSION 1		
9:30-10:00	Virtual Reality in Rehabilitation – the new perspectives of Romanian medicine	Adriana Sarah Nica, RO
10:00 – 11:00	Virtual Reality Input/Output Interfaces	Grigore Burdea, USA
11:00 – 11:15	COFFEE BREAK	
11:15-12:15	Virtual Reality Hardware and Modeling	Grigore Burdea, USA
12:15 – 14:00	LUNCH	
14:00 -15:00	Real-time Programming	Grigore Burdea, USA
15:00 – 16:00	VR Assets for Mental Health and Rehabilitation	Albert "Skip" Rizzo, USA
16:00-16:30	COFFEE BREAK	
SESSION 2		
16:30-17:00	AeL e-learning platform, Academic platform	Radu Jugureanu, RO SIVECO Romania
17:00-17:30	Virtual Reality environment for pre-operative planning in Ortopaedics	Doru Talabă, RO
17:30-18:00	A virtual reality based exercise system for hand rehabilitation post-stroke	Rareş Boian, RO
TUESDAY, SEPTEMBER 25, 2007		
SESSION 3		
9:00-10:00	Virtual Rehabilitation Post-Stroke	Grigore Burdea, USA
10:00-11:00	Virtual Rehabilitation for Phobias /PTSD/Addictions	Albert "Skip" Rizzo, USA
11:00 – 11:30	COFFEE BREAK	
SESSION 4		
11:30-12:30	INTUITION Project - Virtual Reality and Virtual Environments applications for future workspaces.	Marin Vlada, Dorin Mircea Popovici, RO
12:30-13:00	Simulation Models for VR Applications	Grigore Albeanu, RO
13:00-13:30	Human-technology and human-computer interaction (HCI) in Systems Laboratory	Dorin Mircea Popovici, Ana-Maria Marhan, RO
13:30 – 14:30	LUNCH	
SESSION 5		
14:30-15:30	Virtual Rehabilitation and game consoles	Grigore Burdea, USA
15:30 – 15:45	COFFEE BREAK	
15:45-16:45	Tele-rehabilitation	Grigore Burdea, USA
17:00-18:30	Panel discussion, Conclusions	Speakers, Romanian organizers and officials