Monday, June 23, 2008

**PACIFIC D**

**Welcome Remarks**
*Brenda K. Wiederhold, PhD, MBA*
*Luciano Gamberini, PhD*

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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| 9:30 to 9:50 | **S1: Games for Health**  
Chair: Luciano Gamberini, PhD  
Currents Trends in Videogames and Rehabilitation  
*G. Barresi, A. Maier, & L. Gamberini*  
A second life for telehealth: Prospects for the use of massive multiplayer online games in clinical psychology  
*A. Gorini, A. Gaggioli, & G. Riva*  
Lessons learned from treating 200 motor vehicle accident victims with videogames  
*D. Walshe*  
Virtual reality gaming for treadmill training: Improving functional ambulation in children with cerebral palsy  
*K. Kott & G. De Leo*  
Stroke rehabilitation using the rehabilitation gaming system  
*M. Caneirão, S. Bermúdez I Badia, E.D. Oller & P.F.M.J. Verschure*  
Low cost webcam and off the shelf game interfaces to produce VR systems for motor rehabilitation after traumatic brain injury, spinal cord injury and amputation  
*S. Flynn, B. Lange, S.C. Yeh & A. Rizzo*
| 10:00 to 11:30 |  | 11:30 to 13:00 | **LUNCH**  
(Harborside) |
Panel Discussion 1: Non-Manual Control of VR Worlds
Chair: Elmar Schmeisser, PhD

Brain-computer interfaces for virtual reality control
C. Guger, C. Groenegress, C. Holzner, G. Edlinger, & M. Slater

Brain activity during a handshake with a virtual avatar; a preliminary study

A fMRI study for the ‘feeling of telepresence’ during watching a movie

Future direction of coherent human-machine vision systems
Y. Cai

BREAK

S2: Addictions & Eating Disorders
Chairs: Nate Appel, PhD & Giuseppe Riva, PhD

The ETIOBE Project: A supporting system for childhood obesity
R. Baños, C. Botella, A. Frías, M. Alcañiz, A. Cebolla, E. Etchemendy, S. Quero & S. Andreu

VR-enhanced treatment of emotional eating in obese female in-patients: a follow-up study
A virtual arm to stop smoking. A comparative study.
B. Girard, V. Turcotte & S. Bouchard

Psychophysiological aspects of tobacco use and craving
L. Jerome, P. Jordan & R. Rodericks

Development of virtual aversive environments: A preliminary study of virtual covert sensitization for alcohol craving
J. Moon & J.H. Lee

Factors affecting cyber café addiction of undergraduate students in Taiwan
H.J. Yang, J.S. Lay & Y.L. Lay

EAST COAST

Information Session:
European Association of CyberTherapy and Rehabilitation

16:30 to 17:30
<table>
<thead>
<tr>
<th>PACIFIC C</th>
<th>9:00 to 10:30</th>
<th>PACIFIC D</th>
<th>9:00 to 10:30</th>
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<tr>
<td><strong>S3: Special Populations</strong>&lt;br&gt;Chairs: Rosa Banos, PhD &amp; Walter Greenleaf, PhD</td>
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<td><strong>S4: Posttraumatic Stress Disorder</strong>&lt;br&gt;Chairs: Brenda K. Wiederhold, PhD, MBA, BCIA &amp; Albert &quot;Skip&quot; Rizzo</td>
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<td>Computer-aided articulatory model for Tamil speech sounds&lt;br&gt;A. Rathinavelu</td>
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<td>The influence of mTBI on autonomic dysregulation in combat veterans with PTSD&lt;br&gt;J. Spira, B.K. Wiederhold, K. Center, J. Murphy, R. McLay, D. Wood &amp; M. Wiederhold</td>
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<td>Adaptation of the virtual reality system EMMA to infancy&lt;br&gt;C. López-Soler, C. Botella, R. Baños, V. Fernández, et al.</td>
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**BREAK**

| 10:30 to 11:00 |  |  |  |

Tuesday, June 24, 2008
**PACIFIC C**

**S5: Pain**  
**Chairs:** Dave Thomas, PhD & J.L. Mosso, PhD

Longer, virtual reality pain distraction treatment of Hispanic and Caucasian children with large severe burns  

Customising pain management technology to meet child and clinical challenges & requirements  
*K. Miller, S. Bucolo, E. Patterson & R.M. Kimble*

Pain control during wound care for combat-related burn injuries using custom articulated arm mounted virtual reality goggles  

Implementation of FACS for synthetic characters for use in studying facial expression recognition by survivors of childhood cancer  
*R. Hubal, N. Evens, D. Fitzgerald, K. Hardy, V. Willard & M. Bonner*

**LUNCH (Harborside)**  
Address by Jay Kopelman, Lava Dog Enterprises, Inc.

**Panel Discussion 3: Wireless Devices for Training and Treatment**  
**Chair:** Mark D. Wiederhold, MD, PhD, FACP

Virtual reality on mobile phones to reduce anxiety in outpatient surgery  
*J.L. Mosso, A. Gorini, S. Senties, G. de la Cerda, et al.*

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**PACIFIC D**

**Panel Discussion 2: Pulse!!©**  
The Virtual Clinical Learning Lab: Preliminary Findings on Usability and Playability  
*C. McDonald & C. Bowers*

**S7: Telehealth**  
**Chair:** Sarah Miyahira, PhD

Italian bloggers’ stories. Their personalities and interpersonal relationships quality  
*G. Ferraro, B. Caci, F. Conti, M. Di Blasi & M. Cardaci*
## Tuesday, June 24, 2008

### PACIFIC C
- Cellular phones for reducing battlefield stress: Rationale and a preliminary research  
  *A. Gorini, A. Grassi, D. Villani, A. Gaggioli & G. Riva*
- Pain management with cell phone technology  
  *M. Wiederhold, B. Wiederhold*

### PACIFIC D
- Instant messenger addiction among teenagers: Shyness, alienation, and academic performance decrements  
  *H. Huang & C. Chow*
- Mobile science learning and inclusion for blind people  
  *J. Sánchez*
- What would influence mental health professionals working in native/first nations reserves to refer their patient to telepsychotherapy services?  
  *G. Robillard, S. Bouchard, M. Séguin*
- How ethical are online practitioners in everyday practice?  
  *K. Holmes*

### BREAK
- 15:00 to 15:30

### S8: Training
- **Chairs:** Azucena Garcia-Palacios, PhD

  - Extending the media equation to emotions: An approach for assessing realistic emotional characters  
    *A. Beck, B. Stevens, C. Howell-Richardson & K. Bard*
  - Virtual Justina: A PTSD virtual patient for clinical classroom training  
    *P. Kenny, T. Parsons, C.S. Pataki, M. Pato, C. St-George, J. Sugar & A. Rizzo*
PACIFIC C

Human errors in evacuation behavior during a virtual fire emergency
J. Hahm & J.H. Lee

Medical Education Stress Inoculation Training
B. Wiederhold, A. Salva, & M. Wiederhold

NeuroVR 1.5: A free virtual reality platform for clinical psychology and behavioral neurosciences
G. Riva, A. Gaggioli, A. Gorini, R. Corsi, et al.

Poster Session and Cyberarium (Harborside) 18:30 to 20:30
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<th>PACIFIC C</th>
<th>PACIFIC D</th>
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<tr>
<td><strong>S9: Presence</strong></td>
<td><strong>S10: Assessment &amp; Rehabilitation</strong></td>
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<td>Chairs: Stephane Bouchard, PhD &amp; Christoph Guger, PhD</td>
<td>Chair: Uri Feintuch, PhD</td>
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<td>Is presence in a physical environment influenced by arousal and attention? A study conducted on researchers in cyberpsychology. S. Bouchard, G. Robillard &amp; S. Dumoulin</td>
<td>Mixed reality physical and cognitive rehabilitation</td>
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<td>Presence as a cognitive process: the link between self, intention and action G. Riva</td>
<td>A VR-supported tele-system for stroke rehabilitation</td>
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<td>A grounded theory of presence for e-health C. Galimberti &amp; M. Cantamesse</td>
<td>Effects of stereoscopic displays and interaction devices on human motor behavior S.C. Yeh, B. Lange, A. Sawchuck &amp; A. Rizzo</td>
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<td>Awards Ceremony and Luncheon (Harborside)</td>
<td>Neuropsychological assessment of attentional processing using virtual reality T.D. Parsons &amp; A. Rizzo</td>
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<td>Virtual reality for the ecological training of planning and memory abilities in elderly population L. Carelli, F. Morganti &amp; G. Riva</td>
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