### **Awards**

Presented by Dinesh Pai, Awards Chair



#### **Immersion Corporation**

Best Paper: Haptics Science (\$1000)



#### **Force Dimension**

Best Paper: Haptics Technology (\$1000)



#### SensAble Technologies

Best Student Paper Award (Phantom Omni Kit)



**IEEE Technical Committee on Haptics** 

mBest Demo



# Best Paper: Haptics Technology

#### **Finalists**

 Measuring and Increasing Z-width with Active Electrical Damping

David Weir, J. Ed Colgate, M. A. Peshkin

 Large Workspace Haptic Devices - A New Actuation Approach

Michael Zinn, Oussama Khatib, Bernard Roth, J. Kenneth Salisbury



# Best Paper: Haptics Technology

#### Winner

•Large Workspace Haptic Devices - A New Actuation Approach *Michael Zinn, Oussama Khatib, Bernard Roth, J. Kenneth Salisbury* 



## Best Paper: Haptics Science

### **Finalists**

- The Role of Choice in Longitudinal Recall of Meaningful Tactile Signals
  Mario Enriquez, Karon MacLean
- Characterizing Teleoperator Behavior for Feedback Design and Performance Analysis

Paul Griffiths, Brent Gillespie



## Best Paper: Haptics Science

#### Winner

 The Role of Choice in Longitudinal Recall of Meaningful Tactile Signals

Mario Enriquez Karon MacLean



### Best Student Paper

#### **Finalists**

 Comparison of Skin Stretch and Vibrotactile Stimulation for Feedback of Proprioceptive Information

Karlin Bark, Jason Wheeler, Sunthar Premakumar, Mark Cutkosky

 Data-Driven Haptic Rendering of Visco-Elastic Effects

Raphael Hoever, Matthias Harders, Gabor Szekely



### Best Student Paper

### Winner

•Comparison of Skin Stretch and Vibrotactile Stimulation for Feedback of Proprioceptive Information Karlin Bark, Jason Wheeler, Sunthar Premakumar, Mark Cutkosky



### **Best Demo**

### Winner

•Tactile Graphics Rendering Vincent Levesque, Andrew H. C. Gosline, and Vincent Hayward