

Proposal for Promoting *Task Force on Haptics to Technical Committee on Haptics*

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Chair

**Task Force on Haptics, *Computer Society*
Technical Committee on Haptics, *RAS***

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(Info. Dissemination)



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(Publication)



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(Special Session)

Background

- Task Force on Haptics was established in November 2006 under the Computer Society
- In October 2006, a Technical Committee on Haptics was established under RAS
- The TF/TC on Haptics has become a home for the international haptics research community
- **Purpose** of this proposal: to promote the Task Force on Haptics into a Technical Committee on Haptics in the Computer Society

Accomplishments

- Webpage: <http://www.worldhaptics.org>
- Membership: 294
- New IEEE Transactions on Haptics
 - Ed Colgate as the Founding EIC
- Coordination of conferences
 - Haptics Symposium (with IEEE VR, sponsored by VGTC)
 - EuroHaptics
 - World Haptics Conference (sponsored by VGTC)

Accomplishments (*cont.*)

- Coordination of tutorials/workshops
- Industrial sponsorship of awards
 - MOOG, Force Dimension, Haption, Immersion, Quanser, SensAble Technologies, (Novint)
- Summer school
- RAS “Most Active Technical Committee of the Year” award for 2006
- “Student Exchange Program for Cross-Disciplinary Fertilization,” funded by RAS

Task Force Goals (revisited)

- One-Year-Goal: to establish a new TC on Haptics under the IEEE Computer Society
- Two-Year-Goal: to provide a focal point for and to coordinate the activities of the international haptics research community, both in academia and in industry
 - Conferences
 - New journal
 - Summer school
- Four-Year-Goal: to advance the field of haptics by identifying and coordinating activities along focused directions, and to further broaden membership by seeking joint-sponsorship from other IEEE societies and possibly organizations outside IEEE

Mutual Benefits

- The IEEE Computer Society (especially VGTC) has nurtured the Haptics Symposium since 2002
- VGTC is the technical sponsor of the World Haptics Conference in 2005 and in 2007
- The Haptics Symposium has brought new participants to the IEEE VR Conferences
- Haptics research will particularly contribute to CS activities in scientific data perceptualization and virtual reality
- Potential to develop collaboration with other TF/TC such as gaming

Dual Sponsorship under C and RAS

- Coordination of TF/TC activities
 - Stephanie White (Computer Society, VP)
 - Dick Volz (RAS, President)
- Coordination of journal development
 - Angela Burgess, Jon Rokne, Alicia Stickley (Computer Society)
 - Bill Hamel (RAS)
 - William Harwin & Karon Maclean (TF/TC Haptics)
- Coordination of conferences & publications
 - Gunter Niemeyer (VC conference, TF/TC Haptics)
 - Karon Maclean (VC publication, TF/TC Haptics)

Thank you!!