

Preface

This is a collection of sixteen papers that were presented at the Thirty-Third International Workshop on Human Subjects for Biomechanical Research which was held in Washington, D.C. at the Hyatt Regency on Capitol Hill. The workshop was intended to provide a forum for the exchange of ideas and the presentation of the most current injury research involving human volunteers or surrogates.

The papers presented at these workshops generally reflect the key problems facing the automobile safety community at the time. The 33rd Workshop was no exception to this. A third of this year's papers are head/neck injury research related. The remaining papers covered a wide range of topics such as dummy development (both for adult and pediatric surrogates), new techniques for estimation of injury risk from biomechanical impact data, and new instrumentation techniques.

One of the changes in this year's proceedings is our commitment to publishing papers as they arrived from the authors, (i.e., no editing of the papers, just minor formatting when necessary.) The only other requirement was to replace any digital pictures exposing anatomical details of human injuries with a text placeholder or schematic engineering drawings showing the same injuries. We intend to maintain this requirement in our future proceedings.

It is our hope that the publication of these proceedings will be useful to researchers in the field of Injury Biomechanics. However, we would like to emphasize that these papers should be considered as workshop or non-formal publications and they should not be referenced in the open literature. No scientific body has screened these papers for accuracy and/or refereed them.

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I would also like to express my appreciation to Dr. Peter Martin of the National Highway Traffic Safety Administration for chairing the afternoon session of the meeting. I acknowledge the Stapp Conference Advisory committee for its support. However, it should be noted that this Advisory committee neither sanctions nor approves the Workshop papers.

Thanks are also extended to the authors and presenters for their contributions in making this Workshop a very useful and beneficial experience for all the participants.

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