

# STAPP

**T**he Stapp Car Crash Conference® is the premier forum for presentation of research and developments in impact biomechanics, human injury tolerance, and related fields that advance the knowledge of land-vehicle crash injury protection. The Conference provides an opportunity to participate in free discussion regarding the causes and mechanisms of injury, experimental methods and tools for use in impact biomechanics research, and the development of new concepts for reducing injuries and fatalities in automobile crashes.

This year's Stapp Conference will be held on November 8-10 at the Hilton Denver City Center in Denver, Colorado. **Reservations must be made by October 23<sup>rd</sup>. Make your hotel reservations early to be assured of the special rate for the Stapp Conference. Hotel reservation information is available on the Stapp website at [www.stapp.org](http://www.stapp.org).**

The keynote address for this year's conference will be delivered by Dr. Randa Radwan, Director of the prestigious University of North Carolina Highway Safety Research Center. Topics of technical presentations are expected to include: methods and results of impact biomechanical testing; ATD development and response fidelity; injury risk assessment based on analyses of laboratory and real-world data; human response and injury for the head/neck, thorax, abdomen, and lower extremities; injury biomechanics in military under-body blast environments; human response and injury in lateral and oblique impacts; assessment of human tolerance and injury; development and application of computational human models for different crash/injury environments; and new technologies for crash avoidance and their application to improved occupant protection systems.

This brochure provides information about the conference so that you may begin to make plans and reservations. Please use the information provided in this brochure to make your hotel reservations and to register for the Conference.

The 49th NHTSA-sponsored International Workshop on Human Subjects for Biomechanical Research will be held on Sunday, November 7, preceding the Stapp Conference. Registration for the workshop is included on the Stapp Conference registration website. No additional registration fee is required. Additional information for the workshop can be obtained by contacting the NHTSA Workshop Chair.

On behalf of the Stapp Advisory Committee, we welcome all prospective Stapp Conference participants and attendees, and thank those of you who have attended previous Stapp Conferences for your interest and valued contributions. We look forward to seeing you at this year's Stapp Car Crash Conference.

**Annette L. Irwin, General Chair**  
**General Motors LLC**

**Leda L. Ricci, Executive Director**  
**The John Paul Stapp Association**

Visit our website at <http://www.stapp.org/>



# STAPP CONFERENCE INFORMATION

For Stapp Conference information,  
please contact Zonda Ketola at  
stappccc@gmail.com

## SCHEDULE

Sunday, November 7, 2021  
NHTSA Biomechanics Workshop

Monday — Wednesday  
November 8-10, 2021  
65<sup>th</sup> Stapp Car Crash Conference

## HOTEL INFORMATION

**65<sup>th</sup> STAPP CAR CRASH CONFERENCE®**  
Hilton Denver City Center • 1701 California St. • Denver, Colorado 80202  
November 8-10, 2021

Phone: 1-303-297-1300 (Hotel Operator)

On-line: <http://www.stapp.org>

Room Rates: \$189 single/double

Check-In Time: 4:00 p.m.

Check-Out Time: 12:00 p.m.

Reservations at the conference rate must be made by **OCTOBER 23, 2021** by calling the hotel or by using on-line group booking: <http://www.stapp.org>/ Be sure to identify yourself as attending the Stapp Car Crash Conference. **Make your hotel reservations as soon as possible.**

Reservations requested after October 23rd will be confirmed on a space-available basis only. Reservation requests received after October 23, 2021, are subject to availability and may not be at the conference rate. Guaranteed reservations must be canceled 72 hours prior to arrival to avoid being charged that night's rate plus tax. **Reservations must be guaranteed by credit card or one-night's deposit. Room-type request based upon availability.**

## CONFERENCE REGISTRATION

### EARLY REGISTRATION

To be eligible for the reduced conference registration rate, visit the Stapp website or register on-line at [www.65thstapp.eventbrite.com](http://www.65thstapp.eventbrite.com) by **October 23<sup>rd</sup>**.

Conference registration includes admission to all technical sessions, continental breakfasts, refreshment breaks, evening reception, and the Stapp Journal and Short Communications on USB. Student registration does not include the Stapp Journal and Short Communications on USB.

	PRIOR TO 10/23/21	AFTER 10/23/21
➤ Attendee	\$ 950	\$1000
➤ Presenter (NHTSA Workshop presenters are not eligible.)	\$ 850	\$ 900
➤ Student* (Registration must be accompanied by a letter from student's advisor.)	\$ 300	\$ 350
➤ Advisory Committee Member	\$ 450	\$ 500

Children under 18 are not permitted at conference functions.

Registration includes admission to all technical sessions, continental breakfasts, refreshment breaks, evening reception, and the Stapp Journal and Short Communications on USB.

All cancellations must be submitted in writing. There is a \$50.00 handling charge for cancellations received before October 23, 2021. We regret we cannot process any refunds for cancellations following that date. Refunds are processed six to eight weeks after the conference. **If you have any questions, please email [stappccc@gmail.com](mailto:stappccc@gmail.com).**

## PRECEDING THE STAPP CONFERENCE

**Sunday, November 7, 2021**

**49<sup>TH</sup> International Workshop on Human Subjects for Biomechanical Research**

**Sponsored by NHTSA/ Human Injury Research Division**

Rodney W. Rudd, Chair

The purpose of the workshop is to provide a forum for the exchange of ideas and the presentation of ongoing research investigations using human volunteers or surrogates. No registration fee is required. For additional information, contact:

Rodney W. Rudd, Ph.D.

Department of Transportation

National Highway Traffic Safety Administration

1200 New Jersey Avenue, S.E.

Washington, DC 20590

Phone: 202-366-5932

E-mail: [rodney.rudd@dot.gov](mailto:rodney.rudd@dot.gov)