		2005 IDOODI ACIA CONFEDENCE UT MADDAG
		2025 IRCOBI ASIA CONFERENCE, IIT MADRAS Tentative Schedule
		Day 1, 25 June 2025
09:30		Registration
		Session [W1] Workshop on Experimental and Computational Injury Biomechanics
10:00 Mats Svensson, Ch	nalmers, SE	[WT1] Introduction and Overview
10.15 Francisco José Lóp		[WT2] Understanding the role of Post-mortem Human Subject testing in Injury Biomechanics
10.45 Claire F. Jones, Un	iv. Adelaide, AU	[WT3] Body-region/Component-level Biomechanical Testing
11:15		Break
11:30 Peter Cripton, UBC		[WT4] Imaging Studies of Humans
12:00 Johan Davidsson, C	Chalmers, SE	[WT5] Experiments with Volunteers
12:30 13:15		[P01] Panel Lunch
14:30 Mats Svensson, Ch	nalmers SE	[WT6] Experiments with Animal Surrogates
15:00 Nils Lubbe, Autoliv,		[WT7] From experimental data to injury risk functions
15:30	OL	Break
15:45 Christoph Leo, TU (Graz, AT	[WT8] Simulation-Based Safety Assessment: Virtual Testing focusing on Vulnerable Road Users
16:15 Aditya Belwadi, Tes	sla, US	WT9] Human Body Simulations in OEMs
16:45		[P02] Panel
17:30		Research Park Visit / Lab Visits -> Social Program -> Welcome Dinner
		Day 2.00 has 2005
08:00		Day 2, 26 June 2025 Lab visits
09:00		Registration
09:30		Inauguration & Introductory Remarks
03.30		Session [S1] Experimental Injury Biomechanics
10:00 Khyati Verma, NITK	K, IN	[792] Histopathological assessment of lung tissue under impact
10:10 Claire F. Jones, Un		[796] The local force-displacement impact response of the cranium is dependent on cranial region and the presence of the scalp
10:20 Ankit Malik, IITD, IN	N	[798] Subject-Specific and Strain-Rate-Dependent Material Modeling of Human Femurs for Dynamic Loading
10:30 Tesfaye O. Terefe,	IITD, IN	[800] Characterisation of Low-velocity Penetrating Shrapnel-induced Injuries in Skin Tissue
10:40 Ryan D. Quarringto	n, Univ. Adelaide, AU	[808] Does a head-forward posture produce neck dislocation during inverted drop experiments?
10:50		Discussion
11:00		Break & Poster Session
11:30		Session [K1] Keynote
Mats Svensson, Ch	almers, Sweden	[KT1] Whiplash Injury Research at Chalmers – A review and visions for the future
12:05		Session [S2] Human Body Simulations [802] Kinematic and Kinetic Analysis of the Lumbar and Pelvis of Highly Reclined Occupants Under Varied Rigid Seat Configurations Using a Human Body Model
12:05 12:15 Kasi Sajun Prasad,	PNTRCL IN	[804] Chest Response to Steering Wheel Lower Rim Impact: Comparative Analysis of THOR-50M and GHBMC Models
12:15 Kasi Sajuri Prasau, 12:25 Kommanaboyina Ve		[812] Improving Shoulder Injury Index of WorldSID Dummy using CAE Parametric Studies in 32 km/h Oblique Pole
12:35 Pradeep Kulavi, Hu		[817] Frontal Loading Parametric Sensitivity Analysis on the 50th Percentile Male HBM Connect
12:45		Discussion
13:00		Lunch & Networking Session
		Session [T1] Sports Biomechanics and Injury
14:00 Rajinikumar Palany	riappan, TPESU, IN	[IT1] Decoding the Science of Injury Biomechanics in Sports
14:15 Gregory Tierney, Ul	Ister University, UK	[IT2] Head Exposure to Acceleration Database in Sport (HEADSport)
14:30 Sanjeev Gupta, Gui	rugram University, IN	[IT3] When Springs Fail: Decoding Biomechanical Injuries in Runners through Strike Pattern Dysfunction & sEMG Insights
Karthick Balaii, Zor	iox Innovation Labs, Chenna	i, i
14:45 IN	, ,	[IT4] Biomechanics in Facial Fractures: Patterns and Causes in Road Traffic Accidents
15:00		Discussion
15:15		Break & Poster Session
		Session [S3] Design of Safety Systems [Session Sponsor: SBL]
15:45 Prathamesh Mahes		[698] Simulation-driven design optimisation of instrument panel to improve upper leg injury of occupant in truck collision
15:55 Shashank Gowda,		[785] Evaluation of a One Size Fits All Motorcycle Airbag Concept using Finite Element Human Body Models
16:05 Nagarajan S, DEBE		[IT5] Computational approach for realisation of rehabilitative exoskeletons to prevent musculoskeletal injuries
16:20 P M Shedolkar & B	G Biju, Tata Motors, IN	[786] Vehicle structural crash robustness evaluation though Machine Learning approach

3:30 Qing Zhou, Tsinghua Univ., CN	[807] Effectiveness of Active Restraint System Activated in Emergency Braking on Occupant's Whiplash Injury in Subsequent Rear-end Collision
:40	Discussion
	Session [T2] Sponsors Talk
50 Suren Mohanty, BETA CAE, IN	[ST1] Behavior of Variant Human Body models on different restraint systems
10	Social Program -> Conference Banquet
	Day 3, 27 June 2025
30	Registration
	Session [S4] Computational Biomechanics
00 Qing Zhou, Tsinghua Univ., CN	[IT6] Influence of walking on knee ligament injuries in car-to-pedestrian collisions
15 Sushil Kumar, IITD, IN	[793] The influence of personalization of the Finite Element Head model in predicting TBI
25 Ryan D. Quarrington, Univ. Adelaide, AU	[809] The effect of head-forward posture on risk of lower neck dislocation during head-first impacts: A computational investigation
35 Ashutosh Khanna, VIT Bhopal, IN	[813] Biomechanical Evaluation of Lumbar Intervertebral Discs Using Novel Intervertebral Artificial Disc: A Finite Element Analysis Study
45 Febin Chris Asir J A, VIT Chennai, IN	[814] Effectiveness of a standalone cage in a cervical spine – A finite element study
55 Swathy Gopal N, IITG, IN	[815] Biomechanical Assessment of Shoulder Implants: A Comparative Study Using FE Analysis
05 Subin P George, IITM, IN	[819] Sensitivity analysis of a morphological finite element L3-L4 FSU for biomechanical responses
15 Kushagra Kumar, VIT Chennai, IN	[821] Sensitivity Study of Upper Spine Ligaments for a Head and Neck Finite Element Model
25	Discussion
40	Break and Poster Session
00 Anoop Chawla, IITD, IN	Session [K2] Dinesh Mohan Memory Lecture [KT2] TBA*
,	Session [S5] Accident Data Analysis [Session Sponsor: Volvo]
35 Venkatesh Balasubramanian, IIT Madras, IN	(IT7) TBA*
50 Aditya Belwadi, Tesla, US	[IT8] TBA*
:05 Guorong Li, Autoliv, SE	[726] Road Traffic Accident-Related Traumatic Brain Injuries in China: Influence of Seatbelt, Helmet Use and Crash Configuration Among Different Road Use
15 Junaid Shaikh, Autoliv, IN	[787] Traumatic Brain Injuries for Different Road Users and Restraint Use: An Overview Using Indian In-Depth Crash Data
25 Aarti Ranmal, Autoliv, IN	[791] Rider Injuries in Sport Utility Vehicle to Powered Two-Wheeler Crashes in India
:35 Chandrashekhar A, Tata Motors, IN	[794] An Accident Statistics driven adoption framework for ADAS in India
45	Discussion
00	Lunch and Networking Session
	Session [S5] Continued
00 Sivakumar, Autoliv & Sohanjeet, Volvo, IN	[IT9] Vision Zero Approach & SITIS : Activities in India as part of Accident Research / Connected Safe Transport Ecosystem
15 Santhosh Kumar G, Tata Motors, IN	[795] Characteristics of Passenger Car Accidents in India
25 Mohan Jayathirtha, Autoliv, IN	[797] Single-Vehicle Powered Two-Wheeler Crashes in India: Guidance for Test Method Development
35 Kulothungan Vimalathithan, RNTBCI, IN	[810] Factors influencing Traffic Accidents in Countries with Fast-growing Economy
45	Discussion
	Session [T3] New Car Assesment Program [Session Sponsor: VIT Chennai]
00 Christoph Leo, TU Graz, AT	[IT10] Euro NCAP
Rahul S Mahajan, ARAI, IN	[IT11] Bharat NCAP 2.0
:30	[P03] Panel: Rahul S Mahajan, ARAI, IN; Anoop Chawla, IITD, IN; Anil Kumar Chigulapalli, Tata Motors, IN; Christoph Leo, TU Graz, AT; Girikumar Kumaresh Bosch, IN
:15	Conference Valedictory
:30	High Tea

TBA*	To be announced
	Regsitration/ Networking / Poster / Refreshment / Socials
	Panel discussions
	Workshop sessions
	Keynote talks
	Invited talks
	Sponsor talks
	Contributed paper presentations