

Comparison of Automotive and Transport Aircraft Occupant Injury Criteria

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Authors' biography

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Raki Islam has been with transport aircraft seating industry for over 27 years. He has worked in various technical and management roles in new product development, design engineering, simulation, and certification. He has initiated and supported several industry and ad-hoc working groups and had served as the Chairman, SAE Aircraft Seat Committee (2010 – 2018).

Vikram Krishnamurthy

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Vikram Krishnamurthy has over 16 years of experience in transport aircraft seating and interior products. He has been involved in SAE Seat Committee since 2006 and is currently serving as the Secretary, SAE Aircraft Seat Committee.

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Dr. Lankarani has over 35 years of teaching and research experience and is one of the world's leading researchers and educators in the field of impact dynamics, mechanical systems analysis and design, automotive and aircraft crashworthiness, occupant protection of transportation systems, structural impact, and injury biomechanics. He is a *Fellow* of the ASME (American Society of Mechanical Engineering). Dr. Lankarani is the recipient of many international, national, and university educational and research awards. He has directed and supervised over 500 graduate student MS theses and PhD dissertations to completion. Dr. Lankarani has been the author of over 600 articles in referred journals, books and book chapters, and conference proceedings. His publications have been cited over 8000 times. He has collaborated with many researchers from around the globe. Dr. Lankarani has been awarded over 10 million dollars of funding for research projects from the US government, state, industry, and international sources. Dr. Lankarani has served as a Technical Editor or a member of Editorial Board for several international journals.