

A Symposium on

ROAD SAFETY

(R-SAFE)

Promoted by

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In Conjunction with

IRF 2016

**5th International Conference on
INTEGRITY – RELIABILITY - FAILURE
Porto, Portugal
July 24-28, 2016**

[\(http://paginas.fe.up.pt/clme/IRF2016/\)](http://paginas.fe.up.pt/clme/IRF2016/)

Importance of Road Safety:

The impact of traffic injuries and deaths on individuals, families and on society as a whole is staggering. Loss of loved ones, loss of income, long-term care and rehabilitation and overloading of the health service are some of the burdens experienced as result of poor road safety. In fact, motor vehicle accidents are the leading cause of death for those aged 5-29 years. Vulnerable road users, such as pedestrians, cyclists and motorcyclists are particularly at risk. In view of its importance to societies worldwide, the UN General Assembly adopted a resolution on “Improving global road safety” on 10 April 2014, and empowering this resolution with a 10-year plan.

It is with this in mind that this interdisciplinary symposium is organised. Specifically, it is designed to stress the importance of *sharing visions and strategies across disciplines* to improve road safety in Qatar that would ultimately lead to substantial reduction in traffic injuries and deaths.

Objectives:

R-SAFE 2016 is organised for personnel active in all aspects of research, development, treatment, awareness and enforcement of road safety. It is designed to encourage exchange of ideas leading to improved road safety. It encompasses all facets of road safety with the focus being specially promoted topics of direct importance to road safety. This year's effort focusses on advances in crashworthiness design and related studies for automobiles and its importance to road safety. It also focuses on problems associated with whiplash trauma. The event will involve contributions from health professionals, engineers, scientists, government officials, insurers, researchers, traffic enforcers, car manufacturers, and suppliers.

Symposium Topics:

The conference will cover the following topics:

- Crashworthiness and crash management systems
- Whiplash trauma and Injury criteria
- Modelling and simulation of vehicle collision
- Forensic engineering
- Visions for safer roads
- Novel transport systems
- Post-crash rehabilitation
- Enforcing traffic laws
- Design of safety features (seats, headrest, airbag, seat belt)
- Advanced crash management systems
- Road safety awareness Programs
- Role of Insurers in road safety
- Road designs (condition, signage, road works, congestion, barriers)
- Autonomous vehicles and road safety

Extended abstracts of **two full pages** should be written in the same format as the full papers for the CD-ROM (no limitation in length for these):

<i>Paper Size:</i>	A4, single column
<i>Margins:</i>	Top page 3,0 cm; Bottom 2,5 cm, Left & Right 2,5 cm
<i>Font and line spacing:</i>	Times New Roman; single space
<i>First 3 lines:</i>	Should be left blank, size 10, reserved for the editors
<i>Title:</i>	Begins at the 4 th line, capital letters, size 14, bold, left alignment
<i>Authors Names:</i>	Size 10, left alignment, two lines interval from title above
<i>Authors affiliation:</i>	Size 10, left alignment, two lines interval from text below
<i>Main Text:</i>	Size 12, full justification, 6 pt space after paragraph, no indentation
<i>Headings:</i>	Capital letters, size 12, bold, one line interval from text above
<i>Legends (Figs & Tables):</i>	Size 10, one line interval from text above and below
<i>References:</i>	References to cited literature should be identified in the text with author(s) name(s) and year of publication (ex: Mascarenhas, 1997). Full citations should be grouped at the end of the paper and in alphabetical order of first author's name. Always give inclusive page numbers for references to journal articles and a page range for books. Each reference must be cited in the text.

A sample abstract is available for download at:

http://paginas.fe.up.pt/clme/IRF2016/abstract_sample.doc

which can also be used as template.

Extended Abstracts are due by **11 JANUARY 2016**, and those accepted will appear in a book which will be made available to delegates of ICEM5 during the event. Full papers will also be compiled in a CD-ROM.

Full papers selected from this symposium will be considered for publication in the International Journal of Mechanics and Materials in Design in the normal manner,

For additional information, please contact either of the following:

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