

From the Editor's Desk...

JSS Technical Editor
C. G. Muniak Ph.D.



Views About Our Profession

This issue of the *Journal of System Safety* includes two items from a member of the *JSS* editorial board, Dr. Mohammad Nejad. The first is a proposal for a special issue of *JSS* on the subject of "Safety by Design." The guest editors for this issue will be:

- **Dr.Ir. Mohammad Rajabali Nejad** — Assistant Professor in the Department of Design, Production and Management, Faculty of Engineering Technology at the University of Twente in Enschede, Netherlands.
- **Prof.Dr.Ir. Johannes I.M. Halman** — Professor in Innovation and Risk Management, Faculty of Engineering Technology at the University of Twente.

Professor Nejad also contributed a guest column on "Safety by Design." In this article, he gives some observations from his many years of teaching design engineers.

Also, in this issue of *Journal of System Safety*:

- Charlie Hoes, in his "TBD" column, gives some thoughts on the 2018 ISSC, with particular attention paid to the "four initiatives" discussed in detail in the previous issue of the *JSS*.
- David MacCollum argues that system safety professionals should do a better job of publicizing their skills in his "Design-Based Safety" column.
- In the "System Safety in Healthcare" column, Dev Raheja and Dr. Maria C. Escano address the reporting of incidents related to patient safety and discuss the characteristics of effective reporting.

- The first technical paper, "Augmenting a Hazard Analysis Method with Error Propagation Information for Safety-Critical Systems" by Fryad M. Rashid and Dr. John D. McGregor, describes an approach to augmenting the recent hazard analysis technique, System-Theoretic Process Analysis (STPA), with the specification of error propagation and dynamic support contributors.
- The second technical paper in this issue is "The Theory of Risk Uncertainty Reduction" by Dr. Robert W. L. Thomas, Marilyn J. Eichelberger and Missey Lee. In it, they have developed a general theory of the uncertainty in mishap risk and show that it is likely that the safety discipline will result in a reduction in the relative uncertainty in the risk as risk itself is reduced.
- The third technical paper, "Safety versus Survivability" by Gary D. Braman, Joseph Dowd and Tyler Dorning, provides indisputable substantiation that "safety" and "survivability" are two distinct domains, and that crew and aircraft survivability hazards should not be assessed and documented in safety analysis reports.

I welcome your comments, letters to the editor and article submissions.

Regards,
Chuck



Save the Date!
37th International
System Safety Conference
July 29 - August 2, 2019
Norfolk, Virginia