Editorial

Introduction to a New Journal: *Applied System Innovation*

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In the modern technological society, engineers and designers must work together with a variety of other professions in their quest to find systematic solutions to complex problems. Instant development in science and technology has broadened the horizon of engineering. Meanwhile, it is creating a multitude of challenging problems in every aspect of modern life. Current research is interdisciplinary in nature, reflecting a combination of concepts and methods that often span several fields, such as mechanics, mathematics, electrical engineering, control engineering, and other scientific disciplines. This research often combines theoretical models with numerical simulations to solve problems or make predictions that may be used in industry or in people's everyday life.

Recently, fields within Mechanical Engineering and Design Innovations including IT-based Intelligent Mechanical Systems, Mechanics and Design Innovations, have been widely developed. Topics related to things on the internet and intelligent robots are especially interesting and they compel many excellent researchers to continue their research on these subjects [1–3]. To discover new scientific knowledge in the future, we created a new journal: *Applied System Innovation*. The aim is to enhance technological development in a range of industries and improve the welfare of people. We invite investigators with an interest in the field of Applied System Innovation to contribute their original research articles to this journal. Potential topics include:

- Mathematical problems in electrical and mechanical system design.
- Smart electromechanical system analysis and design
- Mathematical control theory and system design.
- Computer-aided methods for procedure and manufacture design.
- Engineering design methodology and optimization.
- Computer and human–machine interaction.
- Internet technology in systematic innovation.
- Intelligent robots and their control.
- Application to internet of things
- Mathematical problems in the design of industrial and visual products, and digital media.
- Various computational methodology topics and design procedures.
- Mathematical design techniques.

Scholars from academic institutions and research personnel from company research departments are welcome to contribute research papers to this new journal, and we will run the journal with a

very strict and high-quality peer-review process. This journal will be published on Open Access Model. It will be beneficial to share the latest research results within the research community without any barriers. We hope that this journal will enable interdisciplinary collaboration and networking between engineering and design technologists in the academic and industrial fields. We aim to facilitate more collaboration around the world through these studies that will be published in *Applied System Innovation*.

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