

Statement of Purposes



The Society of Engineering Graphics SORGING, in coordination with the editorial team of *The Journal of Industrial Design and Engineering Graphics*, aims to present in an attractive mode the true image of current engineering graphics and industrial design. The objective of these initiatives is to empower the Journal - through the published articles - as an informative reference in a dynamic environment of design and graphics, and as a necessary tool for the students and professors from technical universities.

The Journal of Industrial Design and Engineering Graphics is intended towards all involved in engineering graphics and industrial design; primarily those specialized in the academic world responsible for educating technical experts, towards those at a higher level in the application field and those in the leadership and decision making roles. The intent is to offer our readers equally useful tools as well as to keep them updated with developments in their field, both research and application. Envisioned as a window towards higher learning, with a large view of the changing digital world, The Journal of Industrial Design and Engineering Graphics is desired to be used equally by professionals both in the field of higher technical education in graphic and design.

The Journal will outline key results from the research and experience of a team that includes academics and application professionals, all who have a passion for engineering graphics and industrial design, constantly involved with the opportunities created by computer applications and the introduction of new and innovative solutions to current technologies.

The Journal's format is to publish articles, study cases, important developments and information of general interest related to engineering graphics and industrial design. The structure is based on SORGING's members key needs such as: graphics education, applied geometry and graphics, industrial design, computer based engineering graphics and descriptive geometry.

The continual specialization of our readers is not event driven, it is a permanent need. The human aspect suggests that only a solid formal preparation followed by sustained upkeep with the state of the arts in one's technical field will assure the required expertise to perform at the highest level.

The industrial activity has as main objectives the constant increase in quality, lower production time at competitive prices. Pressured by competitive market forces and increased customer sophistication the current industrial sector is in need of continual improvement, in search of finding and applying the latest in management and technology in order to sustain and win in the market place.

One of the proven methods to respond quickly to the market demands is the ability to adopt innovating and advanced computer based design and technology to eliminate routine and not "value-added operation", to eliminate waste, both in time and human resources. Towards this goal, The Society of Engineering Graphics SORGING maintains the current direction for development of applied engineering through The Journal of Industrial Design and Engineering Graphics making it possible to publish research and results most valuable in the practice of engineering graphics and industrial design.

The editors invite the readers and the collaborators to express opinions and suggestions regarding the content and format of the Journal, opinions which will help all of us to best respond to our readers' needs. At the same time we welcome peer reviews and recommendations to improve the Journal and its editors. We wish for our first issue of The Journal to represent a first step in a long journey of technical excellence in becoming the principal reference in graphics engineering.

Professor Sorin ALDEA, Ph.D.

President of the Society of Engineering Graphics - SORGING