

2022 The 13th International Conference & Global Competition
on Systematic Innovation (ICSI & GCSI)

PAPER COMPETITION AWARDS

Strategic & Business Aspects of Innovation Methods.			
Rank	ID	Paper Title	Authors
FIRST PLACE AWARD	37	Developing Circular Innovation Strategies for Production Process of the Food Supply Chain	Wan-Chiao Chen, Hsin Rau
SECOND PLACE AWARD	13	Systematic System Transfer for Problem Solving and Opportunity Identification	Daniel Sheu, Tse-Han Chen, Winnie Sheu

Technical Aspects of Innovation Methods.			
Rank	ID	Paper Title	Authors
FIRST PLACE AWARD	25	Innovative Design of Satellite Momentum Wheel Bearings Friction Torque Testing Machine Based on EBD Methodology	Songkai Liu, Nian Yin, Ke He, Zhinan Zhang
SECOND PLACE AWARD	30	An Effective Development Process with TRIZ Tools for Switch Power Supply Product Innovation	Li-Yu Lin, Hsin Rau, Liu-Ming Cheng

AI + Computer-Aided Innovation (CAI).			
Rank	ID	Paper Title	Authors
FIRST PLACE AWARD	42	A trimming-based innovative design method using patent knowledge to mine system resource	Li Xiaoyang, Yu Fei, Guo Jing, Liu Zhiguang
SECOND PLACE AWARD	14	A Proposed Methodology of Augmented Intelligence for TRIZ Contradiction Analysis	Tien-Lun Liu, Yi-Hsuan Chen, Chang-Hsi Chiang

Patent analysis related subjects and other tools, theories, applications related to or can be integrated with innovation methods.			
Rank	ID	Paper Title	Authors
FIRST PLACE AWARD	6	Structural Simulation of the Claims for Devices	Bushuev Alexandr B., Chepinskiy Sergey A., Weijie Lin, Botao Zhang, Jian Wang
SECOND PLACE AWARD	15	Integration of QFD, AHP and TRIZ for Multipurpose Bookshelf Innovative Design	Yu-Ching Hung, Noor Hidayah Mohd Taufik, Yann-Long Lee, Nur Farhin Bahrudin