Dear readers,

It is with great joy that I write my first Editorial for the journal Produção Online and start a period of 3 years as Editor-in-chief. The importance of the journal Produção Online for the Brazilian community of production engineering and the level of excellence achieved over the years adds responsibility to this challenge. I will be developing the editorial work in the journal, which includes the previous editorial evaluation, the selection of reviewers and the follow-up of the reviews and corrections of the articles with great dedication so that, together with the scientific community, we can reach new levels of excellence.

Produção Online´s first edition of 2018 includes 15 papers that cover different thematic and methodological approaches of industrial engineering. The opening article analyzes the innovation capacity of firms of low technological intensity through the "Innovation Capacity Model". The case study was carried out in two agro industrial firms in the Campos de Cima da Serra region in the State of Rio Grande do Sul. The next article, on the other hand, seeks to identify the potentialities and vulnerabilities of the fishing activity in coastal municipalities in the northern region of the State of Espírito Santo. The Analytic Hierarchy Process (AHP) and scenario analysis matrix (SWOT) were used in this study. The third article applies the Real Options Theory (ROT) in the evaluation of the public policy to encourage technological innovation and the densification of the motor vehicle production chain. The fourth article propose to investigate the relationship between learning styles and teaching methods to improve learning of Lean Manufacturing in students of a postgraduate course in production engineering. The fifth article analyzes the influence of perceived quality and relational barriers to change in loyalty and customer retention in gyms. The research, a descriptive nature, was performed in two gymnasiums with a sample n = 228.

The sixth article proposes a value chain model for the Brazilian Army's Systems Development Center (SDC) based on the identification and analysis of the organization's processes. The seventh study evaluates the level of concentration of the Brazilian tissue paper market and its reflexes in terms of relative performance by product line. The following article proposes to analyze the use of mental test, in the 1940s and 1950s, as a way of evaluating students' specific skills in the National Technical School (NTS), from the perspective of Work Psychology. The methodology used was qualitative exploratory-descriptive documentary analysis from 1942 to 1959. Article nine presents a computational study of new priority rules for flow shop type production systems with independent setup times and different release dates. The tenth article presents an analysis of energy efficiency for a textile industry located in the State of Minas Gerais.

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The next article presents the use of reverse logistics to perform the discharge of fluorescent lamps in a public body of the Federal Network of Brazilian Education, taking as a parameter the National Policy on Solid Waste (NPSW) established by Law 12,305 / 2010. Article Twelve applies an active teaching-learning methodology in understanding Theories of Constraints (TOC) approaches in manufacturing operations in a group of postgraduate students. Next, article thirteen presents a systematic literature review on Design for Environment (DfE) and related practices. The following article also used a systematic review of the literature to evaluate the evolution of production systems Lean Manufacturing and Cleaner Production. This study considered the articles published in the three ABEPRO journals (Production, Produção Online and BJO&PM) and in the annals of the National Meeting of Production Engineering (ENEGEP). Finally, our fifteenth describes, through structural equations, the behavior of online purchase of the consumer in the Federal District. This study was performed with a sample n = 126.

The content of the articles evidences the growing scientific and practical relevance of research in the area of production engineering. It is also evident the constant concern with the resolution of real problems of several regions, which results in the increase of the competitiveness and the sustainable development of Brazil. As always, we hope that this collection of articles, which reflects the state of the art of production engineering, can contribute to the enrichment of your learning.

I wish you all a good reading and a good start to the year!

Prof. Dr. André Luís Helleno
Editor-in-chief (2018 – 2020)

Prof. Dr. Antonio Cezar Bornia
Co-Editor-in-chief (2018 – 2020)

Revista Produção Online
Brazilian Association of Industrial Engineering (ABEPRO)

Key editorial performance indicators – March 2018
Number of papers under evaluation: 107
Number of paper in editing and publishing process: 24
Average time between submission and acceptance for publication: 281 days
Average time between submission and first feedback to authors: 30 days

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