

Invited Session on “Supply Systems, Policies and Control in Silver Economy” for 17th IFAC Symposium on Information Control Problems in Manufacturing in Budapest, Hungary, June 7-9, 2021

INFORMATION CONTROL IN THE CYBER-PHYSICAL ENTERPRISE: TECHNOLOGICAL BREAKTHROUGH VS. CULTURAL REVOLUTION

Invited Session code: **paed2** (use this identification code in the submission)

Session Chairs:

Prof. dr. Marija Bogataj, University of Ljubljana and Institute INRISK, Slovenia

Prof. dr. Francisco Campuzano Bolarín Dpto. Economía de la Empresa, Universidad Politécnica de Cartagena, España

Prof. dr. Josefa Mula Bru, Escuela Politécnica Superior de Alcoy, Universitat Politècnica de València, España

Abstract:

In Europe and the USA, in the next 30 years, one in three inhabitants will be 65 years old or older. The projections of the rest of the developed countries are much similar. The forms of consumption will change, and the needs of older workers will change the production environment as well as requirements of distribution. The older people will become not only the engine of the consumption in the silver economy but also the valuable human resources which will require to adapt to their needs the working environment.

Silver economy is the system of production, distribution and consumption of goods and services adapted to the growing proportion of older adults in the societies. Its success will depend on adaptation to the purchasing power of older adults, their living and medical needs and the improving working environment suitable for those working longer.

This session will cover broader aspects than the narrow concepts of the “silver market”. It will focus on ageing workforce and transgenerational designs adapting goods and services to people of different ages, and particularly CPS solutions to improve the age-friendly environment for workers and consumers.

Track topics:

The track chairs invite scientists, scholars, engineers and planners from academia, local and national planners and government, as well as those who designed a global supply chain and other industry, to contribute their original scientific articles, literature review and applied research papers. This session aims to attract high-quality papers in the areas of management, industrial engineering, civil engineering, medicine and nursing as well as other relevant disciplines relevant for the ageing society, including the papers of practical relevance and case studies.

Submission:

For author guidelines, please refer to www.ifac-control.org. All papers must be submitted electronically using the Symposium Manuscript Management System (CMMS). All papers must be prepared in a two-column format by the IFAC manuscript style. Please use the official IFAC instructions and template to prepare your contribution as full-length draft paper and submit it online by 13th November 2020.

Submission details are available on the symposium website. All submissions must be written in English. All papers that conform to submission guidelines will be peer-reviewed by IPC members. The corresponding author submits the paper online (pdf format) as invited session paper. **Submission as an invited paper requires the invited session code **paed2****

Paper submission closure	13 th November 2020
Notification of acceptance/rejection	15 th January 2020
Deadline for the final submission	12 th February 2021

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