



**“ANGEL KANCHEV” UNIVERSITY OF RUSE
UNION OF SCIENTISTS – RUSE**

Reports Awarded with "Best Paper" Crystal Prize

58th Annual scientific conference of University of Ruse and Union of Scientists

**NEW INDUSTRIES, DIGITAL ECONOMY,
SOCIETY - PROJECTIONS OF THE FUTURE II**

2019 – Ruse, Silistra, Razgrad

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INTRODUCTION

DEAR READERS,

University of Ruse and Ruse Union of Scientists are pleased to welcome you to the 58th annual international scientific conference, which is co-organized by our two institutions. Scientific and plenary sessions are being held respectively in Silistra, on October 18, in Ruse - on 24, 25, and 26 October, and in Razgrad, on 1 and 2 November 2019.

Theme of the conference is "New Industries, Digital Economy, Society - Projections of the Future"- II. The forum program includes 294 research result reports, which were presented during all the days of the session and other parallel events. The 538 authors from 19 countries discussed their views in the following research areas and topics, which correspond to the conference theme:

Agricultural Machinery and Technologies; Maintenance and Reliability Thermal; Hydro- and Pneumatic Equipment; Ecology and Conservation; Chemical Technologies; Biotechnologies and Food Technologies; Mechanical Engineering and Machine-building Technologies; Electrical Engineering, Electronics and Automation; Communication Systems and Networks; Transport and Machine Science; Economics and Management; Linguistic and Cultural Science, Intercultural and Political Communication; Mathematics, Informatics and Physics; Education – Research and Innovations; Pedagogy and Psychology; History, Ethnology and Folklore; Linguistics, Literature and Art Science; Health Prevention and Social Work; Health Promotion.

We hope, that scientific reports and discussions contribute to deepening the understanding related to various aspects of regional economic transformation based on the implementation of innovative strategies and approaches to *New Industries, Digital Economy, Society* and its relations to business environment and quality of life. The use of systematic thinking is the basis for creating effective applications and best practices in many areas of science and its impact on business development and growth. Due to the great interest of scientists from home and abroad in the thematic fields under consideration in 2018, the topic of the Conference is with a second edition this year. The projections of the future are threefold in finding lasting trends in the present.

Ruse Union of Scientists and Ruse University are characterized by their multi-profile identity, and they cover competencies in all above presented scientific fields and areas of research.

All abstracts with key words and reference lists in English, approved for presentation at the conference, and met the layout requirements had been included in the **“Proceedings - Programme and Abstracts of the 58th ISC of the University of Ruse’19”** (<http://conf.uni-ruse.bg/bg/docs/Booklet%20SC'19.pdf>).

After being nominated by the Program Committee, and successfully approved by international double blind reviewing, up to two papers from each section, that were submitted and presented in English which have been submitted and presented in English, were published in Compiled edition of **Reports Awarded with “Best Paper“ Cristal Prize’19**, as hard copy (ISBN 978-954-712-793-7) and on-line on the Conference Website (<http://conf.uni-ruse.bg/bg/?cmd=dPage-&pid=bestPapers>).

The issue “Proceedings of the University of Ruse“ was included in the international ISSN database, available at <https://portal.issn.org/>.

The online edition of Reports Awarded with “Best Paper“ Cristal Prize’19 of the University of Ruse“ is registered in the portal ROAD scientific resources online open access.



The official collections of the conference is posted online at: <http://conf.uni-ruse.bg>.

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