



# FIRST INTERNATIONAL CONFERENCE ON AGRICULTURE DIGITALIZATION AND ORGANIC PRODUCTION

ADOP 2021

## ORGANIZERS

ST. PETERSBURG FEDERAL RESEARCH CENTER OF THE RUSSIAN ACADEMY OF SCIENCES (SPC RAS, ST. PETERSBURG, RUSSIA)  
TECHNISCHE UNIVERSITÄT KAISERSLAUTERN (TU KAISERSLAUTERN, KAISERSLAUTERN, GERMANY)

IN COOPERATION WITH THE GERMAN CENTRE FOR RESEARCH AND INNOVATION (DWIH, RUSSIA)

## SPONSOR

ROSSELKHOZBANK

## COMMITTEES

CONFERENCE CO-CHAIRS:

**Academician Alexander Kostyaev**

SPC RAS

**PROFESSOR KARSTEN BERNS**

TU KAISERSLAUTERN

PROGRAM COMMITTEE CHAIR:

**Andrey Ronzhin**

SPC RAS

## IMPORTANT DATES

FEBRUARY 07, 2021 - SUBMISSION OF FULL PAPERS

MARCH 07, 2021 - NOTIFICATION OF ACCEPTANCE

MARCH 14, 2021 - CAMERA-READY PAPERS

JUNE 07-09, 2021 - CONFERENCE DATES

## PAPER SUBMISSION

PAPERS SUBMITTED TO ADOP 2021 MUST NOT BE UNDER REVIEW BY ANY OTHER CONFERENCE OR PUBLICATION DURING THE REVIEW CYCLE, AND MUST NOT BE PREVIOUSLY PUBLISHED OR ACCEPTED FOR PUBLICATION ELSEWHERE.

AUTHORS ARE INVITED TO SUBMIT A FULL PAPER WITH SIZE OF 10 - 12 PAGES FORMATTED IN THE SPRINGER STYLE (FTP://FTP.SPRINGERNATURE.COM/CS-PROCEEDING/LLNCS/WORD/SPLNPROC1703.ZIP) USING THE ON-LINE SUBMISSION SYSTEM (HTTPS://EASYCHAIR.ORG/CONFERENCES/?CONF=ADOP2021).

## CONTACT

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THE AIM OF THE CONFERENCE IS TO CONSOLIDATE INTERDISCIPLINARY KNOWLEDGE IN THE FIELD OF AGRICULTURE, BIOLOGY, ROBOTICS, INFORMATION TECHNOLOGY AND ECONOMICS TO SOLVE URGENT PROBLEMS OF DIGITALIZATION OF ORGANIC LIVESTOCK AND CROP PRODUCTION BASED ON THE ACHIEVEMENTS OF FUNDAMENTAL SCIENCE AND THE BEST PRACTICES OF AGRICULTURAL COMPANIES.

## TOPICS

GROUND ROBOTIC SYSTEMS IN CROP PRODUCTION

UNMANNED AERIAL VEHICLES IN CROP PRODUCTION

AEROSPACE MONITORING TOOLS IN CROP PRODUCTION

ROBOTIC ANIMAL HUSBANDRY

DIGITALIZATION OF TECHNOLOGICAL PROCESSES OF AGRICULTURAL PRODUCTION

EVALUATION OF THE EFFECTIVENESS OF DIGITAL TECHNOLOGIES FOR THE PRODUCTION OF ORGANIC PRODUCTS

RATIONAL NATURE MANAGEMENT AND ECOLOGY IN AGRICULTURAL PRODUCTION

TECHNOLOGIES FOR THE PRODUCTION OF ORGANIC AGRICULTURAL PRODUCTS

MARKET ANALYSIS OF ORGANIC AGRICULTURAL PRODUCTS

LEGAL ASPECTS OF ORGANIC PRODUCTION

## CONFERENCE PROCEEDINGS

THE ACCEPTED PAPERS WILL BE PUBLISHED IN ADOP 2021 PROCEEDINGS IN THE SMART INNOVATION, SYSTEMS AND TECHNOLOGIES BOOK SERIES OF SPRINGER. THE BOOKS OF THIS SERIES ARE SUBMITTED TO ISI PROCEEDINGS, EI-COMPENDEX, SCOPUS AND SPRINGERLINK.

