

PAPER SUBMISSION

Authors should provide an abstract title written in Times New Roman, 12 pt bold. The authors' names, Organization should be centered, in Times New Roman, 10 pt.

The main body of the abstract must be no longer than 400 words in English. It must be written in grammatically correct English. Set the paper size to A4, and all margins (top, bottom, left and right) to 25 mm wide. The body of the abstract should be written in 10 pt Times New Roman.

Each paragraph of the abstract should be justified, and start with a 1 cm tab.

The abstract should be followed by four keywords, related to the topics covered in the conference.

No figures or tables should be included in your abstract.

Authors can express a preference for an oral or a poster presentation, but the scientific committees will make the final decision.

Authors selected will have to provide a full version paper. Authors selected to present oral communications will be asked to provide a short biography to allow the chair of the session to introduce them.

Submission Website:

<https://biz.knt.co.jp/tour/2020/10/SIAS2020/index.html>

IMPORTANT DATES

Call for abstracts: **by 10th April 2020**

Notification of acceptance : **by 22nd May 2020**

Early bird registration: **by 10th July 2020**

CONFERENCE PROGRAM2020

Sessions: **12th-13th October**

Reception: **12th October**

REGISTRATION

Registration fee includes attendance of each session, proceedings (PDF) lunch, coffee break, and reception participation fee.

SYMPOSIUM REGISTRATION FEE (tax included):

Early Bird: **¥48,000 (410 EURO)**

Standard: **¥58,000 (500 EURO)**

CONFERENCE VENUE

The conference will be held in Centrair Hall. Centrair Hall is located in Chubu Central International Airport, Aichi Prefecture. It takes about 30 minutes by μ -SKY Limited Express train from Nagoya station. Near by Aichi Sky Exp.

CORRESPONDENCE

All inquiries and proposals the conference should be addressed to SIAS 2020 Executive Committee.

E-mail : sias2020-rgst@or.knt.co.jp



SIAS

10th International Conference on
Safety of Industrial Automated Systems

2020 - AICHI

October 12th-13th, 2020

Centrair Hall,

Chubu Centrair International Airport



<https://biz.knt.co.jp/tour/2020/10/SIAS2020/index.html>



Organized by

SIAS2020 Executive Committee

10th International Conference on Safety of Industrial Automated Systems

SIAS 2020

INTRODUCTION

The International Conference on Safety of Industrial Automated Systems is a prestigious safety event first organized in 1999 by internationally renowned experts from safety-related institutions such as IRSST(Canada), INRS (France), and IFA (Germany). The 10th conference, SIAS 2020 (to be held in Aichi, Japan), while taking up that legacy, is aimed at further enhancing the value of the conference. We invite you to join in the discussion on ideal safety and anshin technologies for the Fourth Industrial Revolution, in addition to the conventional discussion frameworks. The Secretariat is pleased to advise that the World Robot Summit 2020 (Challenge and Expo), organized by the Ministry of Economy, Trade and Industry of Japan, and NEDO (New Energy and Industrial Technology Development Organization) will be held just prior to SIAS 2020, close by the SIAS conference venue. We would strongly encourage you to combine your participation in SIAS 2020 with attendance at these robotics events which will explore the cutting-edge robot technologies that are playing leading roles in the Fourth Industrial Revolution, and how they are being effectively utilized in a range of industries across Japan. SIAS2020 welcomes your entry to the conference from all around the globe, for the various topics shown below.

* anshin: a sense of trust and assurance without any fear or stress

CONFERENCE TOPICS

■ Technology aspects

- Safety of collaborative systems
- Autonomous systems
- Functional safety
- Safety of IoT, Artificial Intelligence and 5G
- Robot safety
- Exoskeleton and power assist devices
- Safety in field industries
- Human-Machine Interface
- Safety of machinery
- Protective devices and smart systems
- Safety-related control systems
- International standardization and conformity assessment
- Guidelines for advanced technology
- Others

■ Human and Management aspects

- Human factors
- Training, education and personnel qualification
- Risk assessment / Occupational risk prevention
- Safety, Health and Well-being (Vision Zero)
- Practical applications and experience / Safety cases
- International standardization and conformity assessment
- Guidelines for advanced technology
- Others

ORGANIZED BY

- Nippon Electric Control Equipment Industries Association(NECA)
- National Institute of Advanced Industrial Science and Technology(AIST)
- The Institute of Global Safety Promotion (IGSAP)
- Japan Industrial Safety & Health Association (JISHA)
- Nagoya University
- THE NIKKAN KOGYO SHIMBUN,LTD. (THE DAILY INDUSTRIAL NEWS)
- The Japan Machinery Federation(JMF)
- Japan Electric Measuring Instruments Manufacturers' Association(JEMIMA)
- The Japan Electrical Manufacturers' Association (JEMA)
- Japan Robot Association(JARA)
- National Institute of Occupational Safety and Health (JNIOSH)

IN ASSOCIATION WITH

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