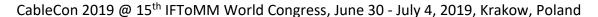
# CableCon 2019 Call for Papers

Fourth International Conference on Cable-Driven Parallel Robots



## **Objective**

The first three conferences of this series successfully established a forum for research on cable robots worldwide. In total, close to 150 scientists from four continents gathered in Stuttgart, Duisburg and Quebec City to present the state of the art and latest research results. The next conference aims at presenting new results, continuing the forum for the exchange of ideas, and establishing contacts amongst all international teams.

The next CableCon is integrated as a session track into the IFToMM World Congress, making latest research in cable-driven parallel robots visibile and open to all disciplines in mechanism and machine science.

## Organized by

University of Duisburg-Essen University of Stuttgart

# Location

Krakow, Poland

#### **General Chairs**

Tobias Bruckmann, University of Duisburg-Essen (tobias.bruckmann@uni-due.de)

Andreas Pott, University of Stuttgart (andreas.pott@isw.uni-stuttgart.de)

#### **Scientific Committee**

S. Agrawal, Columbia University

M. Arsenault, Laurentian University

Ph. Cardou, Lavel University

S. Caro, CNRS, LS2N, IRT Jules Verne

M. Carricato, University of Bologna

C. Gosselin, Laval University

M. Gouttefarde, LIRMM, CNRS, Univ. Montpellier

J.-P. Merlet, INRIA

L. Notash, Queen's University

D. Schramm, University of Duisburg-Essen

A. Verl, University of Stuttgart

#### **Important Dates**

Paper submission: 15 November 2018 Note on Acceptance: 15 January 2019

Final paper: 15 February 2019

## **Conference Topics**

Theory and applications of cable-driven parallel robots including:

- Classification
- Kinematics and Singularity Analysis
- Workspace
- Statics and Dynamics
- Cable Modeling and Cable Technology
- Control and Calibration
- Design Methodology
- Hardware Development
- Experimental Evaluation
- Prototypes, Application Reports and New Application Concepts

#### **Instructions for Authors**

Only Electronic Submissions. Full papers of 12 pages to be submitted in pdf and LaTeX formats. Submission (opens soon) and author guidelines on World Congress webpage (choose "CableCon" during submission in COFFEE system):

http://iftomm2019.com/papersubmission/

## **Presentation and Proceedings**

The conference language is English.

Proceedings are published by Springer.