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 visible and open to all disciplines in mechanism and machine science.

Organized by
University of Duisburg-Essen
University of Stuttgart

Location
Krakow, Poland

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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/paper-submission/

Presentation and Proceedings
The conference language is English. Proceedings are published by Springer.