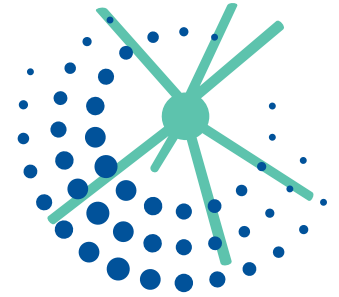


CableCon 2014

Second International Conference on Cable-Driven Parallel Robots

August 24-27 2014, Duisburg, Germany



Objective

The first conference of this series successfully introduced a forum for research on cable robots worldwide. Fifty scientists from three continents gathered in Stuttgart and presented the state of the art and latest research results. The second conference aims to present new results, to provide a forum for the exchange of ideas, and to establish contacts amongst all the international teams.

Organization

University of Duisburg-Essen
Fraunhofer IPA

Location

Duisburg lies in one of the most vibrant regions of Germany, known as the Ruhr, which was the European Capital of Culture in 2010. Once at the heart of industrialization in Germany, the region reinvented itself as a cultural and tourism centre. Duisburg is close to world-famous cities like Düsseldorf (20 min by train) and Cologne (50 min by train), which are themselves worth a visit.

Duisburg can be reached easily on international flights to Düsseldorf Airport (DUS) or Cologne Bonn Airport (CGN).

Scientific Committee

S. Agrawal, Columbia University
C. Gosselin, Laval University
M. Gouttefarde, LIRMM
J.-P. Merlet, INRIA
D. Schramm, University of Duisburg-Essen
A. Verl, University of Stuttgart

Conference Topics

Theory and application of cable-driven parallel robots including:

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

Patronage

International Federation for the Promotion of Mechanism and Machine Science (IFToMM).

General Chair

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Electronic Submissions

Full papers of 12 pages to be submitted in pdf and LaTeX/MS Word format via conference website or by email

Important Dates

Paper submission: **2 March 2014**
Notification of acceptance: **30 March 2014**
Final paper: **20 April 2014**

Instructions for Authors

Guidelines will be available on the webpage:
www.uni-due.de/CableCon2014

Presentation and Proceedings

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



Please visit:
www.CableCon2014.org

