



Wrocław
University
of Science
and Technology

MCG

Machine Control & Guidance

8th International Conference on Machine Control & Guidance

ONLINE | 17th – 18th November 2022

www.imr.pwr.edu.pl/en/mcg2022

Call for Papers



INTRODUCTION

The 8th International Conference on Machine Control and Guidance will be held online from November 17th to 18th 2022, hosted by:

Laboratory of Off-Road Machine and Vehicle Engineering (LORMVE)
Wroclaw University of Science and Technology (WUST)

The conference is organised jointly with Kölner Labor für Baumaschinen. We invite you to present and discuss recent developments in machine guidance and control technologies.



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CONFERENCE TOPICS

- Absolute and relative positioning
- Sensor fields of application in mobile machinery
- Data acquisition and evaluation for process optimization
- Dynamic modelling and simulation
- Methods for the simulation and design of machines and work processes
- Guidance and SLAM applications in mobile machinery
- Autonomous and automated mobile machinery
- Communication and connected systems (IoT)
- Development of components, drive systems and controls



SUBMISSION OF ABSTRACTS

LANGUAGE & LENGTH

The conference language will be English.

Please submit your abstracts (max. 600 words) via:

mcg2022@pwr.edu.pl

Abstracts should be written in English and sent in PDF format using the following filename pattern:

MCG2022_Topic_AuthorName.pdf



DEADLINES

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|---------------------------------------|-----------------------|------------|
| • Submission of abstracts: | 02.09.2022 | 16.09.2022 |
| • Acceptance notification to authors: | 09.09.2022 | 23.09.2022 |
| • Full paper submission: | 14.10.2022 | 28.10.2022 |

ORGANIZING COMITEE

- Wiesław Fiebig, Assoc. Prof. Eng., LORMVE - WUST
- Piotr Dudziński, Full Prof. Eng., LORMVE - WUST
- Alfred Ulrich, Full Prof. Eng., Kölner Labor für Baumaschinen – TH Köln
- Damian Stefanow, PhD Eng., LORMVE - WUST
- Robert Czabanowski, PhD Eng., LORMVE - WUST
- Dariusz Janik, MSc Eng., LORMVE – WUST