



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

9th CARV & 11th MCPC Closing Ceremony & Awards

June 22, 2023

Department of Industrial Engineering
Alma Mater Studiorum – Bologna University



CARV & MCPC 2023 in pills

What's happening in these days?



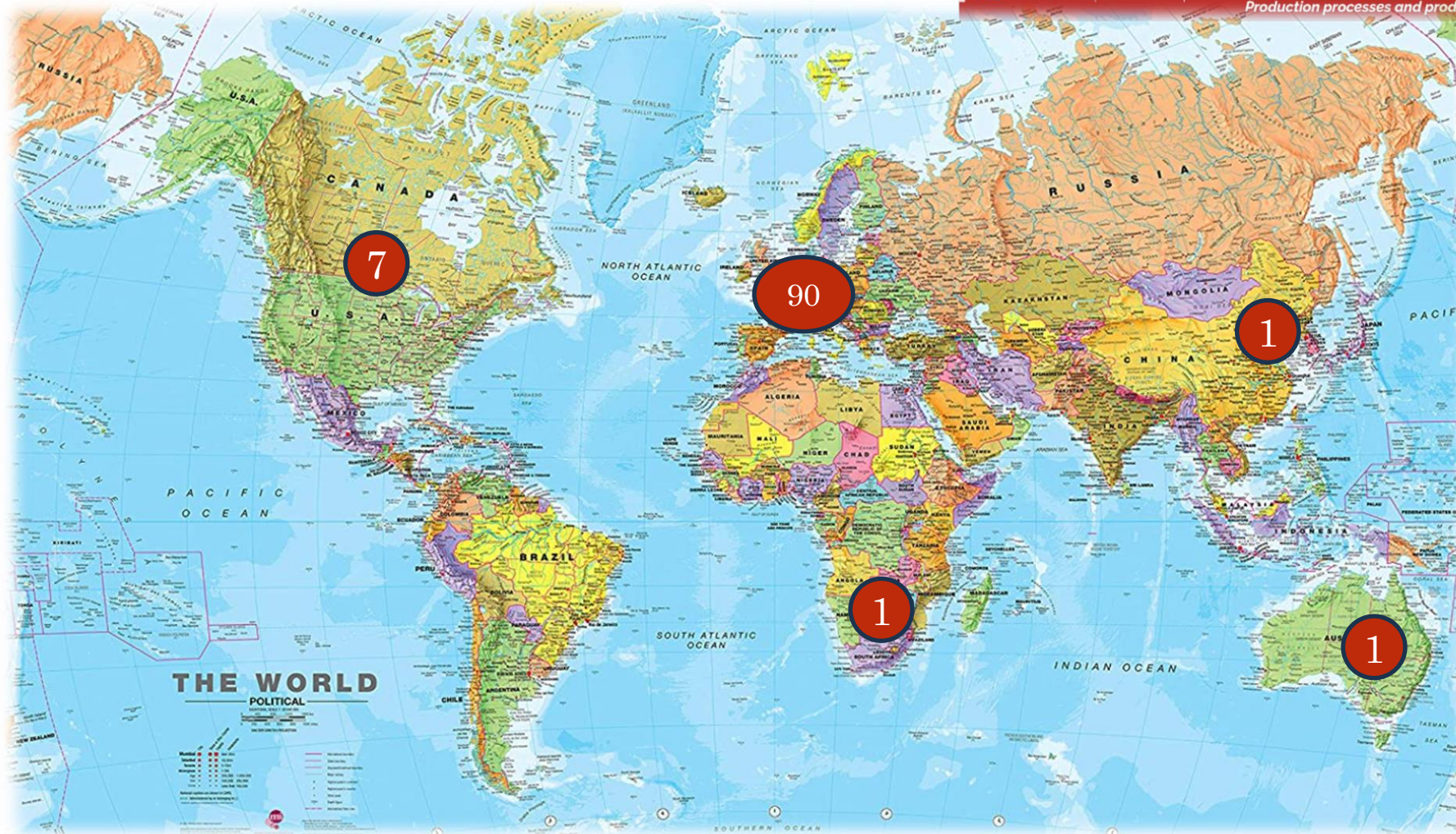
- ✓ 16 parallel sessions
- ✓ 66 papers submitted to 9th CARV
- ✓ 24 papers submitted to 11th MCPC
- ✓ 3 Keynote Speeches
- ✓ 3 Industry Talks
- ✓ 1 Round table to merge ideas ... and brains!
- ✓ 1 Industrial tour (*Philip Morris Manufacturing & Technology Bologna + Ducati Motor Holding*)
- ✓ About 100 Conference Participants
- ✓ 17 Countries represented
- ✓ Delegates from Europe, Asia, Africa and North America

CARV & MCPC 2023 in pills

CARV-MCPC
2023

Bologna, 20-23 June 2023

Production processes and product evolution in the age of disruption



Conference Proceedings



Conference proceedings | Jul 2023

Production Processes and Product Evolution in the Age of Disruption

Proceedings of the 9th Changeable, Agile, Reconfigurable and Virtual Production Conference (CARV2023) and the 11th World Mass Customization & Personalization Conference (MCPC2023), Bologna, Italy, June 2023



Special Issue opportunity



Journals / Applied Sciences / Special Issues / Emerging Methods and Tools for Production Systems' Design and Management...



Submit to Special Issue

Submit Abstract to Special Issue

Review for Applied Sciences

Special Issue "Emerging Methods and Tools for Production Systems' Design and Management in the Mass Customization Era"

IMPACT
FACTOR
2.838

CITESCORE
4.5



Invitations to selected Authors to extend their papers for possible publication will follow according to the reviewers' recommendations and session chairs' feedbacks.





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9th CARV & 11th MCPC Awards

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Best Young Fellow Paper Award

for the paper entitled
“A motion capture-based approach to human
work analysis for industrial assembly
workstations”

presented by
Dr. MICHAEL JONEK
Siegen University

Best Paper Award

for the paper entitled
“Enhancing agility and reconfigurability in production: a
database-driven infrastructure to support additive
manufacturing with collaborative robotics”

presented by
Dr. TOBIAS MUELLER
KIT – Karlsruhe Institute of Technology

Best Young Fellow Paper Award

for the paper entitled
“Adoption potentials of metaverse omnichannel
retailing and its impact on mass customization
approaches”

presented by
Dr. JEAN-PHILIPPE HARRISON-BODREAU
University of Quebec, Montreal

11th World Mass Customization & Personalization Conference



Best Paper Award

for the paper entitled
“Opportunities and challenges of using plywood in data-driven parametric building construction”

presented by
Dr. DAVID DABIC
Bauzwilling GmbH



Thank you!



Honorary Co-chairs CARV2023

Ann-Louise Andersen	University of Aalborg, Denmark
Hoda ElMaraghy	University of Windsor, Canada
Waguih ElMaraghy	University of Windsor, Canada
Michael Zäh	Technical University of Munich, Germany

Honorary Co-chairs MCPC2023

Kjeld Nielsen	University of Aalborg, Denmark
Frank Piller	RWTH Aachen University, Germany



Thank you!



International Scientific Committee CARV2023

Riccardo Accorsi	Alma Mater Studiorum – University of Bologna, Italy
Ann-Louise Andersen	University of Aalborg, Denmark
Alain Bernard	Ecole Centrale de Nantes, France
Lucia Botti	University of Modena and Reggio Emilia, Italy
Francesca Calabrese	Alma Mater Studiorum – University of Bologna, Italy
Catherine Cunha	Ecole Centrale de Nantes, France
Hoda ElMaraghy	University of Windsor, Canada
Waguih ElMaraghy	University of Windsor, Canada
Norbert Gronau	University of Potsdam, Germany
Gisela Lanza	Karlsruhe Institute of Technology, Germany
Riccardo Manzini	Alma Mater Studiorum – University of Bologna, Italy
Khaled Medini	Ecole des Mines de Saint-Etienne, France
Cristina Mora	Alma Mater Studiorum – University of Bologna, Italy
Dimitris Mourtzis	University of Patras, Greece

Hong-Seok Park	University of Ulsan, South Korea
Rikard Soderberg	Chalmers University of Technology, Sweden
Kirsten Tracht	Universität Bremen, Germany
Michael Zäh	Technical University of Munich, Germany



Thank you!



International Scientific Committee MCPC2023

Zoran Anisic	University of Novi Sad, Serbia
Jocelyn Bellemare	Université du Québec à Montréal, Canada
Claudio Boer	University of Applied Science and Arts of Southern Switzerland, Switzerland
Emilio Ferrari	Alma Mater Studiorum – University of Bologna, Italy
Mauro Gamberi	Alma Mater Studiorum – University of Bologna, Italy
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Maria Kollberg Thomassen	SINTEF Digital, Technology Management, Norway
Kjeld Nielsen	University of Aalborg, Denmark
Frank Piller	RWTH Aachen University, Germany
Alberto Regattieri	Alma Mater Studiorum – University of Bologna, Italy
Herwig Schreiner	Siemens, Germany
Frances Turner	California State University Monterey Bay, United States

A special thank to the Reviewers who strongly supported us in the scientific organization of the event!



Thank you!



A special thank to the group of young fellows and Ph.D. Students who supported the Conferences in the past several months ...

Thank you very much!



Valentina Ventura, Ph.D. Student



Ludovica D. Naldi, Ph.D. Student



Cristian Cafarella, Ph.D. Student



Michele Ronchi, Ph.D. Student

... and to all fellows that were here in these days!

Conference Patronages & Support



A special thank to the Department of Industrial Engineering, Alma Mater Studiorum – Bologna University, which supported the initiative.



**Comune
di Bologna**



... and most of All thank you All!



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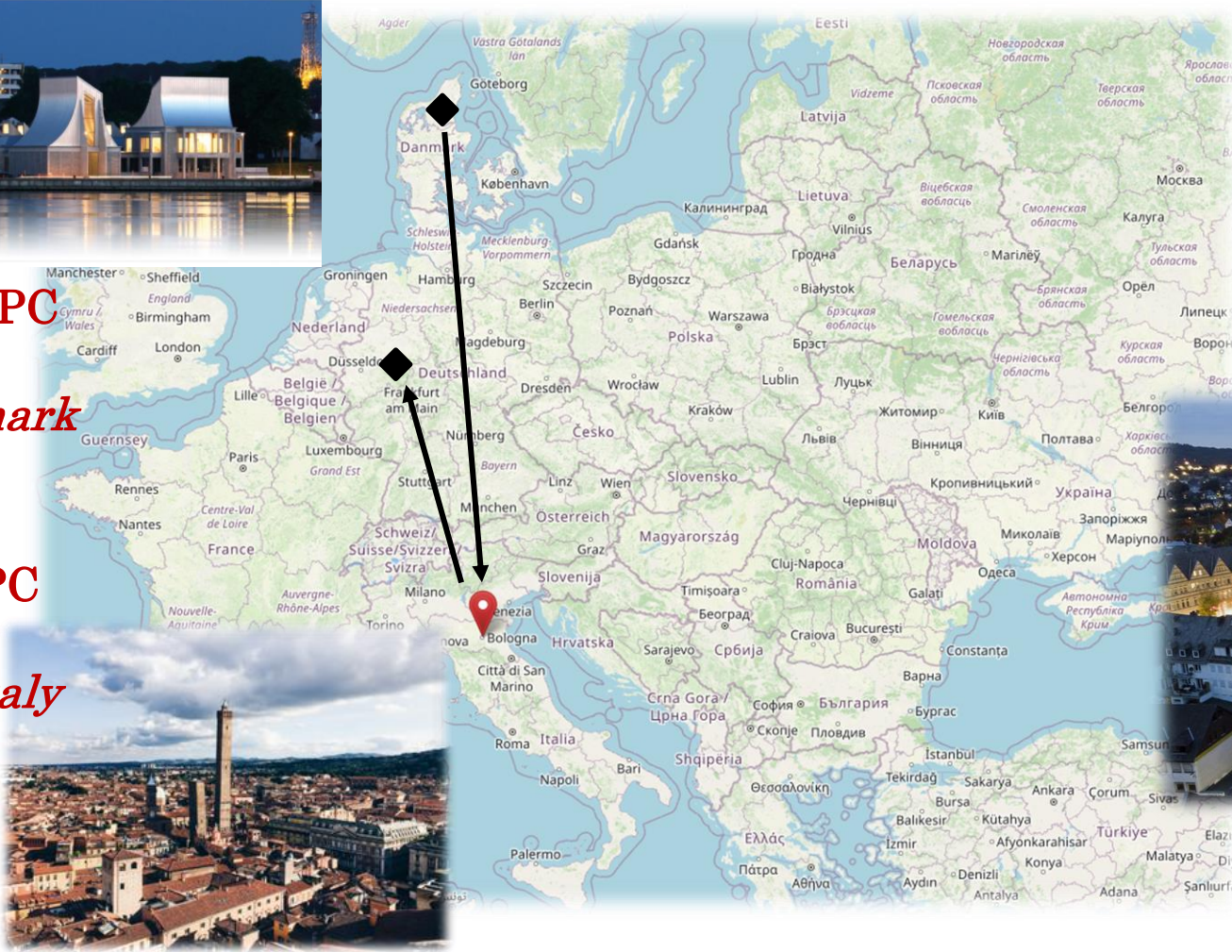
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Let us meet in Siegen in 2025 ... stay tuned!



8th CARV & 10th MCPC Conferences
AALBORG, Denmark

9th CARV & 11th MCPC Conferences
BOLOGNA, Italy



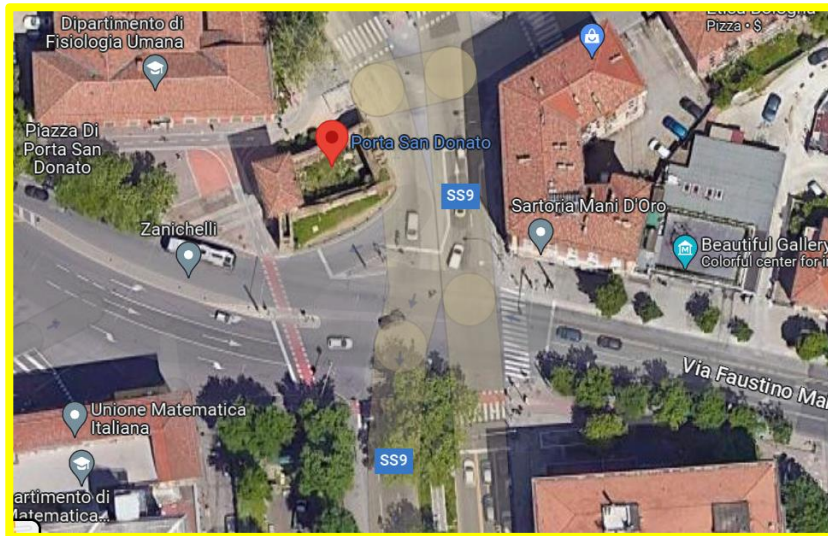
10th CARV & 12th MCPC Conferences
SIEGEN, Germany



... but before: 23rd June 2023 – INDUSTRY TOUR

The CARV-MCPC 2023 Industrial Tour will visit two international players having their operative plants in the Bologna area: **PMI and Ducati**.

The meeting point is in Porta San Donato 5 at 8:10 am.



8:30 am Bus departure @ the meeting point

9:15 am Arrival @ Philip Morris Manufacturing & Technology Bologna S.p.A.

9:30 am Welcoming by plant managers & Technical intro

Tour in small, guided groups at the Production Innovation Room, the Primary and the Secondary manufacturing areas

12:30 pm Q&A with plant managers

12:45 pm Light Lunch

1:30 pm Bus departure



2:00 pm Arrival @ Ducati Motor Holding S.p.A.

2:15 pm Welcoming by plant managers & Technical intro

Tour in small, guided groups at the manufacturing and assembly lines. Free visit @ the Ducati museum

3:30 pm Q&A with plant managers

4:00 pm Departure from the Ducati plant



5:00 pm (max) Return @ the meeting point





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