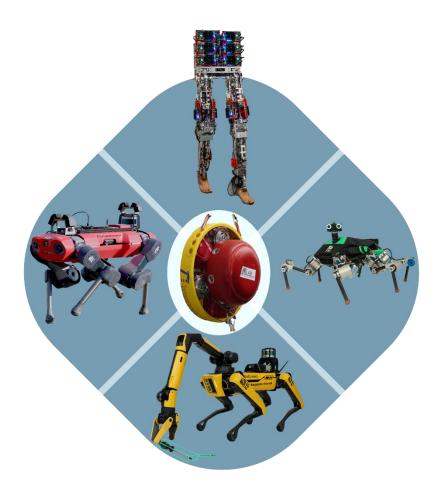
# Information about the CLAWAR 2024 Conference





## **Conference Information**

All attendees must register. A personal badge will be provided to identify registered participants. All registered participants will receive the CLAWAR 2024 proceedings for download after the conference.

# **Registration and Help Desks**

The registration and help desks are located in the entrance area of the Fraunhofer Center and will be always active during the registration hours.

# **Registration Hours:**

Wednesday September 4<sup>th</sup>: 8:00-15:00

Thursday September 5th: 8:30-11:00

Friday September 6th: 8:30-10:00

#### **Keynotes, Special and Technical Sessions**

All conference rooms are located on the ground floor of the Fraunhofer Center surrounding a shared lobby area. The opening and closing ceremony, as well as all keynotes and all special sessions will be held within the lecture hall, room LAURON. Technical sessions are located at the two rooms LAURON and BISAM. The poster session will take place in the room AirBug. Further information can be found in the program at a glance.

#### **Technical Exhibition**

During the conference breaks, a technical exhibition is taking place on the first floor, right above the conference lobby. Research groups and companies are presenting their latest achievements and offer live demonstrations of several walking machines. The exhibition area can be reached by stairs directly from within the conference lobby.

For further Information, please have a look at https://clawar.org/clawar24/robot-exhibition/.

#### **Demonstration at RRLab**

Start: Wednesday, September 4th, 17.00-18.00



Location: RRLab, RPTU Kaiserslautern-Landau, Gottlieb-Daimler-Str. Building 48, Room 260

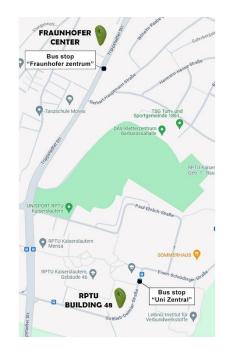
We kindly like to invite all the attendees of CLAWAR 2024 together with the accompanying guests to come together at our RRLab demonstration. We will present an overview of the research activities. Especially, we will show interaction with the humanoid robot system Emah, autonomous navigation with an autonomous tractor as well autonomous transportation with a shuttle.



## Welcome Cocktail

Start: Wednesday, September 4th, 18.00-19.00 Location: RRLab, RPTU Kaiserslautern-Landau, Gottlieb-Daimler-Str. Building 48, Room 260

We kindly like to invite all the attendees of CLAWAR 2024 together with the accompanying guests to come together and welcome cocktail, which takes place after the RRLab demonstration. As shown in the map it is a 10 min walk from the Fraunhofer center.





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Figure 1: Welcome Cocktail at RRLab, RPTU Kaiserslautern-Landau

#### Social Event

Date: Thursday, 5th of September, 14:45 at Fraunhofer Center Location: World Cultural Heritage Site "Völklinger Hütte"

CLAWAR 2024 conference attendees and their accompanying guests are invited to attend the guided tour to the "Völklinger Hütte", with more than 7000 meters of exciting walkways. Please register your attendance to the registration desk. The "Völklinger Hütte" is located in Völklingen in the state of Saarland. In 1994 it was the first monument of heavy industry to be classified by UNESCO as World Cultural Heritage Site. The bus will drive back to Kaiserslautern at about 18:15 and will take you directly to the gala dinner.

#### Gala dinner

Date: Thursday, 5th of September, 20:00 Location: At the brewery "Das Brauhaus" at "Gartenschau"

"Das Brauhaus" is located in Forellenstraße 6 near to the "Gartenschau". It can be reached

- by taxi (5 minutes from city center)
- by bus from the bus station "Stadtmitte" bus stations near to the location: "Kammgarnstraße" -> bus no. 101 from platform B or "Kaiserslautern-West/ Westbahnhof" -> bus no. 112 from platform B
- on foot (16 minutes from city center) Your personal badge serves as ticket for the gala dinner, please take care to carry it with you to the dinner location.

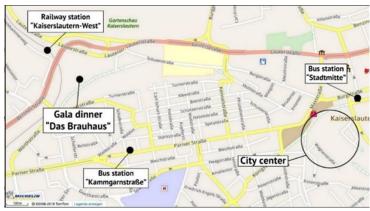


Figure 2: Gala dinner "Das Brauhaus"

#### **Closing Ceremony**

Start: Friday, September 6<sup>th</sup> 2024, 14.30-14.45 Location: Room LAURON

# Wine Festival Tour - Wurstmarkt Bad Dürkheim

Start: Friday, September 6th 2024, 17:00-24.00 Location: Bad Dürkheim



27<sup>th</sup> International Conference on Climbing and Walking Robots **AWAR** 4<sup>th</sup> – 6<sup>th</sup>September 2024 – Kaiserslautern, Germany

The biggest and most famous wine festivals "Wurstmarkt" in Bad Dürkheim is one of the most famous events of the Pfalz region. Dating back for more than 600 years the festival blends tradition and modern festivity. Attendees can enjoy a great variety of local wines, hearty regional Palatine cuisine, and live music while strolling around the festival, celebrating in the large party tent or having a drink in one of the traditional Schubkarchstände (traditional food and wine booths).

Join us for on the last day of the conference for an evening of good food and wine at the Wurstmarkt and have a Rieslingschorle and a Pfälzer Teller together.

CLAWAR organizers will offer a guided tour to the Wurstmarkt, including bus transfer from the conference venue and back to the conference venue.

#### **Key Facts:**

- Start: Friday, 06.09.2024 after conference program at approx. 5pm at conference venue
- Transfer: bus travel to Bad Dürkheim (45min drive)
- Guided tour at Wurstmarkt and a reserved table in a Schubkarchstände
- Free time to enjoy food and wine at festival
- Transfer: Bus travel back to conference venue in Kaiserslautern
- End: Midnight in Kaiserslautern

As we need to organize a shuttle bus, we need to collect an additional fee of 20€ per person at the conference.

If you are interested in joining this tour, please sign up here: Google Forms

#### Internet

A wireless access (eduroam included) to the internet will be available at the conference site.

#### **Transportation in Kaiserslautern**

There are two ways to reach the Fraunhofer Center from the city center.

- a) By Taxi: It takes about 8 minutes and it costs about 10 €.
- b) By Bus: The central bus station is called "Stadtmitte". From "Stadtmitte platform F" (near to the fountain) you can use the bus no. 115 to "Universität" (It takes 13 minutes) or the bus no. 106 to "Mölschbach" (It takes 8 minutes). Both buses also stop at the central railway station during the ride. Get off the bus at "Fraunhofer-Zentrum".

#### **Useful Information**

The currency in Germany is EURO (€). ATMs are widely available in the city center and operate all day long. Visa and MasterCard are widely accepted.

Tipping is optional and is about 10% of the bill.



### **Sponsors**

- German Research Foundation (BE 1622/10-1)
- Hübner Stiftung

# Committees

#### **Conference General Co-Chairs**

Karsten Berns, RPTU Kaiserslautern-Landau, Germany Arne Roennau, FZI, Germany M. Osman Tokhi, London South Bank University, UK

## **International Scientific Committee Co-Chairs**

Tristan Schnell, FZI, Germany Manuel F. Silva, ISEP & INESCTEC, Portugal

## International Advisory Committee

Gurvinder S Virk, CLAWAR Association, UK

#### **National Organising Committee**

Rüdiger Dillmann, FZI, Germany

#### **Publications**

Karsten Berns, RPTU Kaiserslautern-Landau, Germany M. Osman Tokhi, London South Bank University, UK Manuel F. Silva, ISEP & INESCTEC, Portugal

# **Special/Workshop Sessions**

Arne Roennau, FZI, Germany Khaled M. Goher, University of Nottingham, UK

#### **Local Arrangements**

Patrick Vonwirth, RPTU Kaiserslautern-Landau, Germany

#### Publicity

Abdullah Almeshal, College of Technological Studies, Kuwait Gabriela Gallegos Garrido, London South Bank University, UK

#### Website

Patrick Vonwirth, RPTU Kaiserslautern-Landau, Germany Abdullah Almeshal, College of Technological Studies, Kuwait Louie Webb, London South Bank University, UK



#### International Scientific Committee

Abbas Dehghani-Sanij, University of Leeds, United Kingdom Adrian Burlacu, The Gheorghe Asachi Technical University of Iasi, Romania Ahmet Yigit, Kuwait University, Kuwait Amir Degani, Technion – Israel Institute of Technology, Israel Amy Eguchi, University of California San Diego, United States André Dias, INESC Porto - LSA/ISEP, Portugal Andre Gustavo Scolari Conceicao, Federal University of Bahia, Brazil Andres Faina, IT University of Copenhagen, Denmark Aníbal Alexandre Campos Bonilla, CCT-Udesc, Brazil Anna Friebe, Mälardalen University, Sweden Annisa Jamali, Universiti Malaysia Sarawak, Malaysia Armando Mendes, University of Azores, Portugal Arnoud Visser, University of Amsterdam, Netherlands Bruno Roccia, UNRC - UNC - CONICET, Argentina Bryan Bridge, TWI, United Kingdom Bugra Alkan, London South Bank University, United Kingdom Christine Chevallereau, CNRS, France Christophe Grand, ONERA, France Claudio Semini, Istituto Italiano di Tecnologia, Italy Concepción A, Monje, University Carlos III of Madrid, Spain Cristina Manuela Peixoto Santos, University of Minho, Portugal Daisuke Chugo, Kwansei Gakuin University, Japan Danie, Martins, Federal University of Santa Catarina, Brazil Dimitrios Paraforos, University of Hohenheim, Germany Dimitrios Chrysostomou, Aalborg University, Denmark Dirk Lefeber, Vrije Unversiteit Brussel, Belgium Dominik Belter, Poznan University of Technology, Poland Douglas Wildgrube Bertol, UDESC, Brazil Estevan Hideki Murai, Federal University of Santa Catarina, Brazil Fabio Bonsignorio, FER, University of Zagreb Heron Robots, Italy Faiz Ben Amar, ISIR UPMC, France Francisco J Rodríguez Lera, University of León, Spain Gabriela Gallegos Garrido, London South Bank University, United Kingdom Giovanni Muscato, University of Catania, Italy Giulio Reina, Politecnico di Bari, Italy Guang Li, Queen Mary University of London, United Kingdom Guilherme Raffo, Federal University of Minas Gerais, Brazil Hernando Leon-Rodriguez, Nueva Granada Military University, Colombia Hector Montes Franceschi, Universidad Tecnologica de Panama, Panama Henrique Simas, Federal University of Santa Catarina, Brazil Hong Seong Park, Kangwon National University, South Korea Hongye Su, Zhejiang University, China Humberto Rodríguez, Universidad Tecnológica de Panamá, Panama



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Ilka Banfield, Universidad Tecnológica de Panamá, Panama Intan Zaurah Mat Darus, Universiti Teknologi Malaysia, Malaysia Ioan Doroftei, Gheorghe Asachi technical University of Iasi, Romania Ion Ion, Politehnica University of Bucharest, Romania Joana Figueiredo, Center for MicroElectroMechanical Systems, Portugal Joao Sequeira, Universidade de Lisboa, Portugal Jose Cascalho, Universidade dos Azores, Portugal Juha Röning, University of Oulu, Finland Julio Cesar Frantz, Federal University of Santa Catarina, Brazil Jun Wu, Zhejiang University, China Kao-Shing Hwang, National Sun Yat-sen University, Taiwan Khaled Goher, Aston University, United Kingdom Kwan-Woong Gwak, Sejong University, South Korea Lino Margues, University of Coimbra, Portugal Manuel Armada, CSIC, Spain Marcelo Petry, INESC TEC, UFSC, INESC P&D Brasil, Portugal Maria Teresa Costa, School of Engineering of the Porto Polytechnic, Portugal Mário Ribeiro, ISQ, Portugal Mika Vainio, GIM Robotics, Finland Milena Pinto, CEFET-RJ, Brazil Ming Xie, Nanyang Technological University, Singapore Mohd Khair Hassan, UPM, Malaysia Navinda Kottege, CSIRO, Australia Paulo Farias, UFBA, Brazil Paulo Ferreira, ISEP, Portugal Paulo Drews-Jr, FURG, Brazil Pedro Guedes, School of Engineering of the Porto Polytechnic, Portugal Pedro U. Lima, Institute for Systems and Robotics, Instituto Superior Técnico, U. Lisboa, Portugal Philippe Bidaud, UPMC/ISIR, France Piotr Skrzypczynski, Poznan University of Technology, Poland Poramate Manoonpong, University of Southern Denmark, Denmark Rasha Massoud, Damascus University, Syria Riadh Zaier, Sulatan Qaboos university, Oman Richa Pandey, Birla Institute of Technology Mesra Ranchi, India Roberto Simoni, UFSC, Brazil Roemi Fernandez, Centre for Automation and Robotics CSIC-UPM, Spain Rui P, Rocha, University of Coimbra, Portugal Salmiah Ahmad, IIUM, Malaysia Seungbin, Moon, Sejong University, South Korea Sho Yokota, Toyo University, Faculty of Science and Engineering, Japan Shyamal Mondal, London South Bank University, United Kingdom Siti Fauziah Toha, International Islamic University Malaysia, Malaysia Taro Nakamura, Chuo University, Japan Teresa Zielinska, Warsaw Univ. of Technology, Poland Ubirajara Moreno, UFSC, Brazil



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Vítor Hugo Pinto, University of Porto, Portugal Yasemin Ozkan-Aydin, University of Notre Dame, United States Zaharuddin Mohamed, Universiti Teknologi Malaysia, Malaysia Zhanfang Zhao, London South Bank University, United Kingdom