



# Human - Centric Indoor Climate for Healthcare Facilities

HumanIC

Report

# **Admission Doctoral Candidates to PhD studies**

WP5. Network-wide Training

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#### Executive summary

### Admission of Doctoral Candidates to PhD Programs under the HumanIC Project

The HumanIC project has successfully completed the recruitment and admission of eleven Doctoral Candidates (DCs) to PhD programs across Europe. Each candidate has been admitted to a doctoral school affiliated with a partner institution of the HumanIC consortium. Their research topics are aligned with the overarching aim of enhancing indoor climate conditions in healthcare facilities through interdisciplinary approaches spanning engineering, computational modelling, biomedicine, and information technology.

Despite delays caused by procedural variations at institutional levels, all admissions were finalized by May 2025. Each candidate has been formally accepted into a doctoral program and assigned supervisors to support their academic journey. Below is a detailed list of the candidates, their host institutions, and the faculties to which they have been admitted.

#### List of Admitted Doctoral Candidates

#### 1. Hassan Kotb

- **University:** Technische Universität Berlin (Germany)
- Faculty: Faculty III Process Sciences
- Program: Doctorate in Engineering Sciences (Dr.-Ing.)
- 2. Dorsa Rabizadeh
  - University: Norwegian University of Science and Technology (NTNU), (Norway)
  - Faculty: Faculty of Engineering
  - **Program:** PhD in Engineering
- 3. Vasco Vasconcelos
  - o University: Warsaw University of Technology (Poland)
  - Faculty: Faculty of Environmental Engineering
  - **Program:** PhD in Environmental Engineering, Mining and Energy
- 4. Kunal Bairwa
  - University: Norwegian University of Science and Technology (NTNU), (Norway)
  - **Faculty:** Faculty of Engineering
  - **Program:** PhD in Engineering
- 5. Jixuan Bao
  - **University:** Aalto University (Finland)
  - Faculty: School of Engineering
  - **Program:** Aalto Doctoral Programme in Engineering
  - **Research Field:** Mechanical Engineering
- 6. Fang Hou
  - University: KTH Royal Institute of Technology (Sweden)
  - Faculty: School of Architecture and the Built Environment
  - o Program: PhD in Civil and Architectural Engineering
- 7. Rahmat Rizal Andhi
  - **University:** Norwegian University of Science and Technology (NTNU), (Norway)
  - Faculty: Faculty of Information Technology and Electrical Engineering
  - **Program:** PhD in Computer Science





- **University:** Universidad Carlos III de Madrid (Spain)
- Faculty: Aerospace Engineering
- **Program:** PhD in Aerospace Engineering

## 9. Denise D'Elia

- University: Universidad Complutense de Madrid (Spain)
- **Faculty:** Faculty of Chemical Sciences
- **Program:** PhD in Biochemistry, Molecular Biology and Biomedicine

### 10. Muhammad Tayyab Waheed

- **University:** University of Coimbra (Portugal)
- Faculty: Faculty of Sciences and Technology
- **Program:** PhD in Sustainable Energy Systems
- 11. Jiyeong Jung
  - o University: University of Leeds (United Kingdom)
  - Faculty: School of Civil Engineering
  - **Program:** PhD in Civil Engineering Modelling Healthcare Infection Risks

The successful admission of all eleven doctoral candidates marks a significant milestone for the HumanIC project. These researchers are poised to contribute meaningfully to the advancement of healthcare facility design and operation, especially in optimizing indoor environmental quality. By integrating expertise from multiple disciplines and institutions across Europe, the HumanIC doctoral network fosters a vibrant and collaborative environment to address the complexities of healthcare indoor climate through scientific excellence and innovation.