



INTERNATIONAL
UNIVERSITY OF
APPLIED SCIENCES

Interview survey for academic thesis

20 responses

[Publish analytics](#)

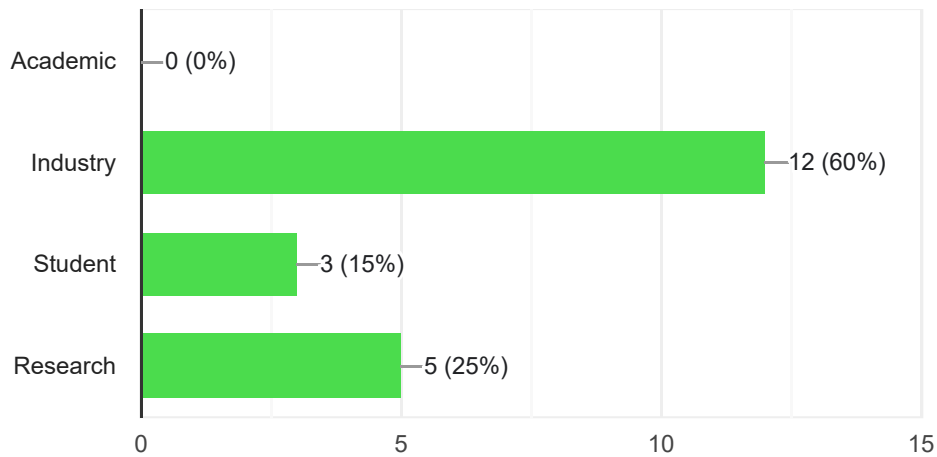
Background



Please select your professional background?
(Not need to be specific to role) select from below options.

 Copy

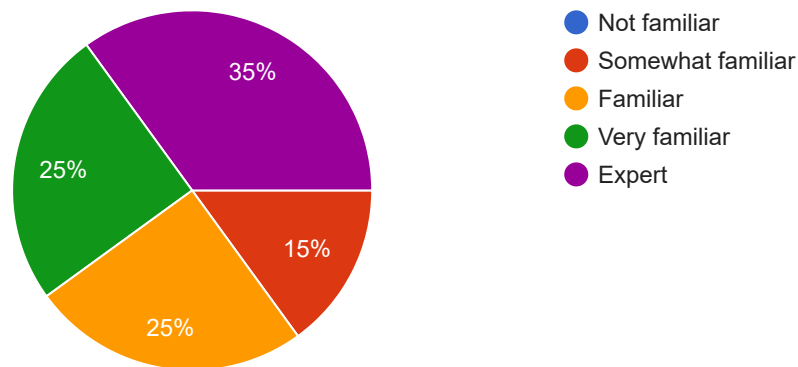
20 responses



How familiar are you with path planning algorithms for mobile robots?

 Copy

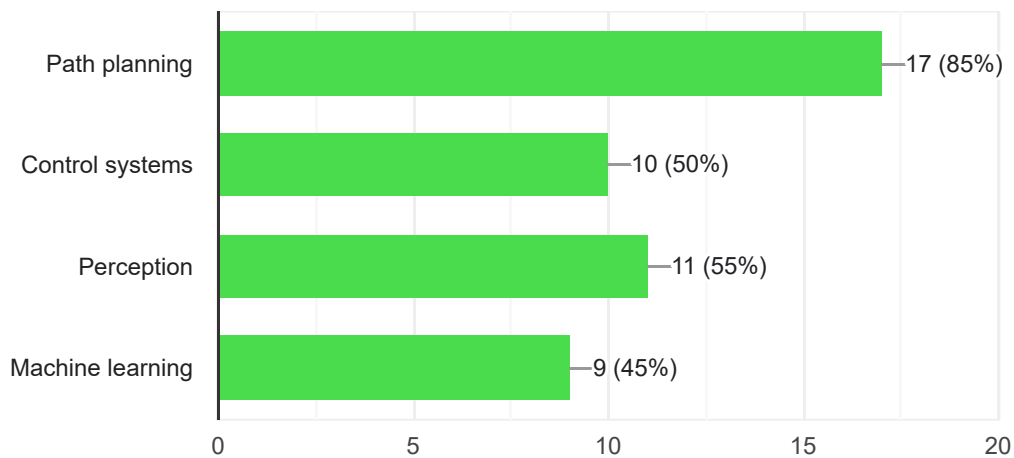
20 responses



Please select your area of expertise or experience related to robotics?

 Copy

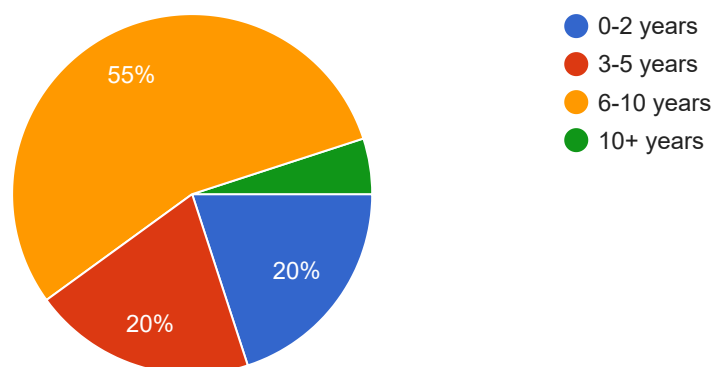
20 responses



How many years of experience do you have in robotics or related fields?

 Copy

20 responses

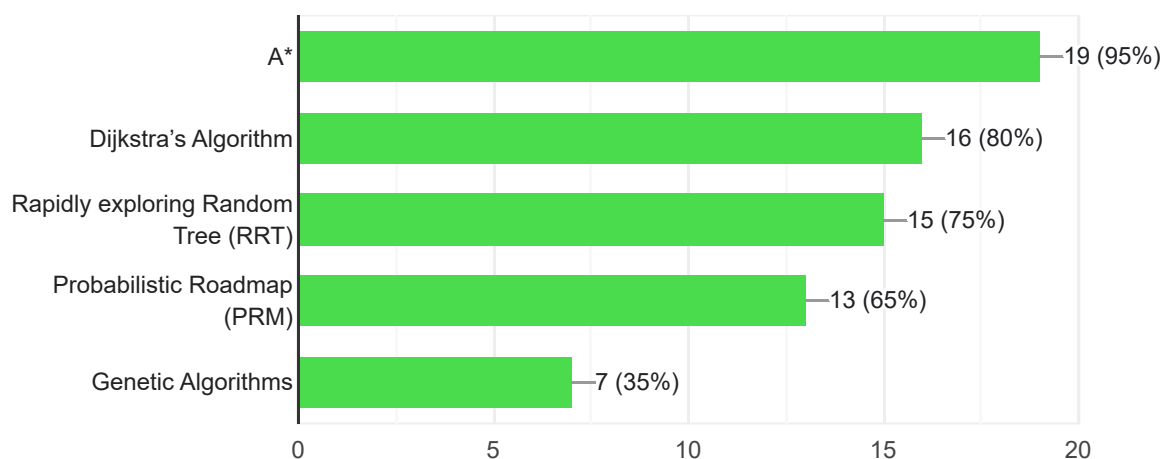


General Understanding of Path Planning

Which path planning algorithms have you worked with or studied?

 Copy

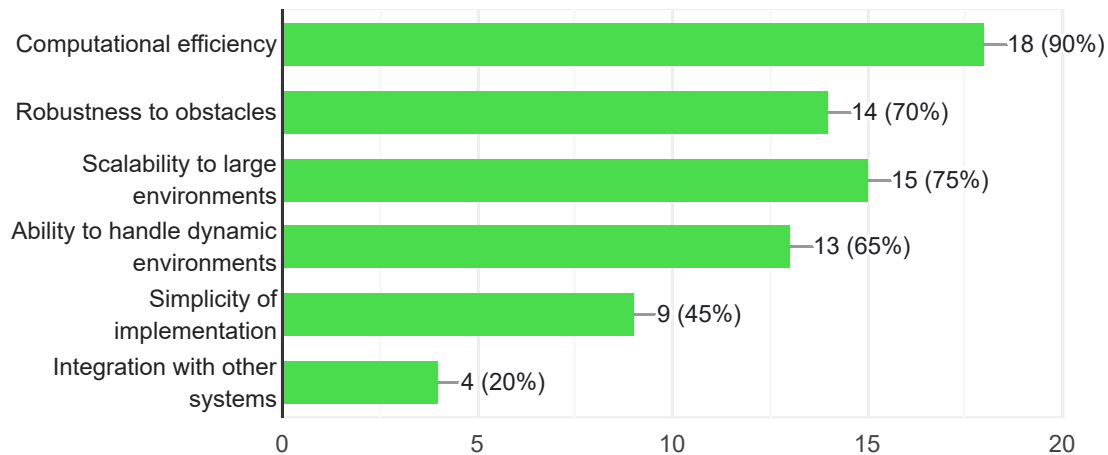
20 responses



In your opinion, what are the critical factors in designing an effective path planning algorithm?

 Copy

20 responses

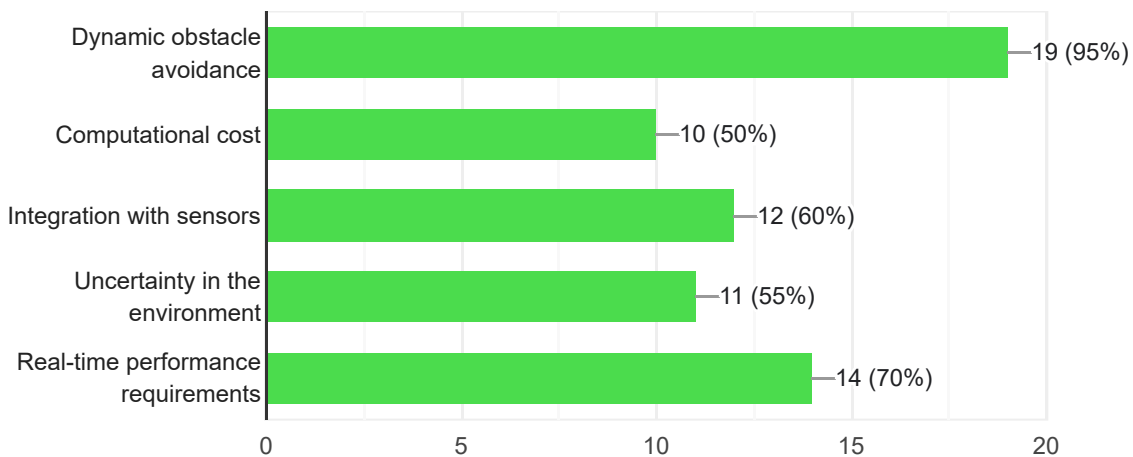


Challenges and Opportunities

What are the primary challenges you have faced (or foresee) in implementing path planning for mobile robots?

 Copy

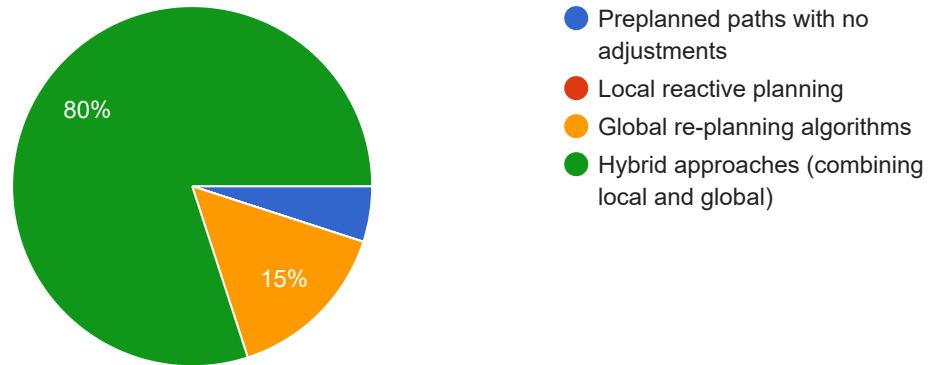
20 responses



How do you address dynamic obstacles or environments in path planning?

 Copy

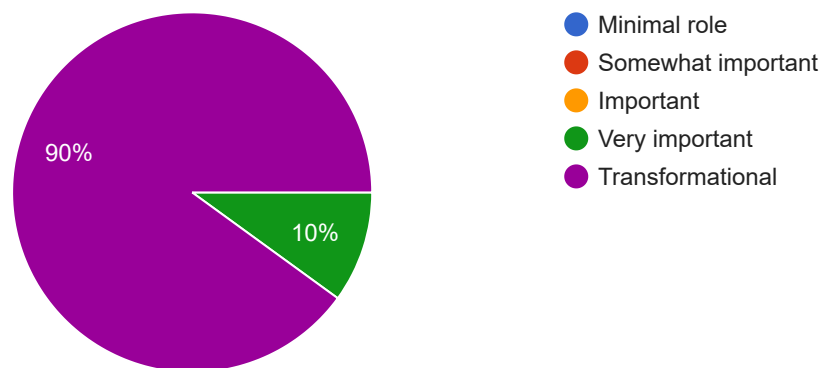
20 responses



What role do AI and machine learning play in improving path planning techniques?

 Copy

20 responses



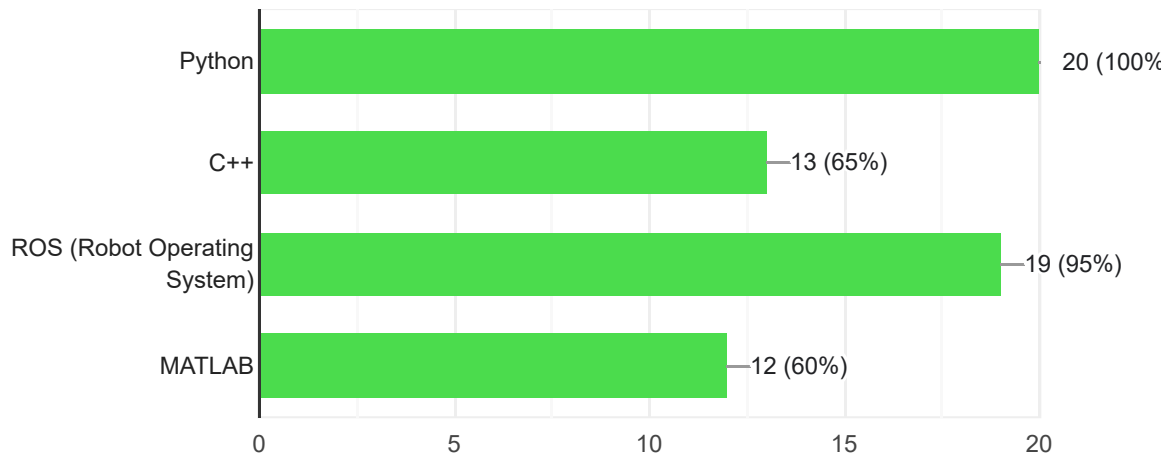
Tools and Techniques



Which programming languages or tools do you use for implementing path planning algorithms?

 Copy

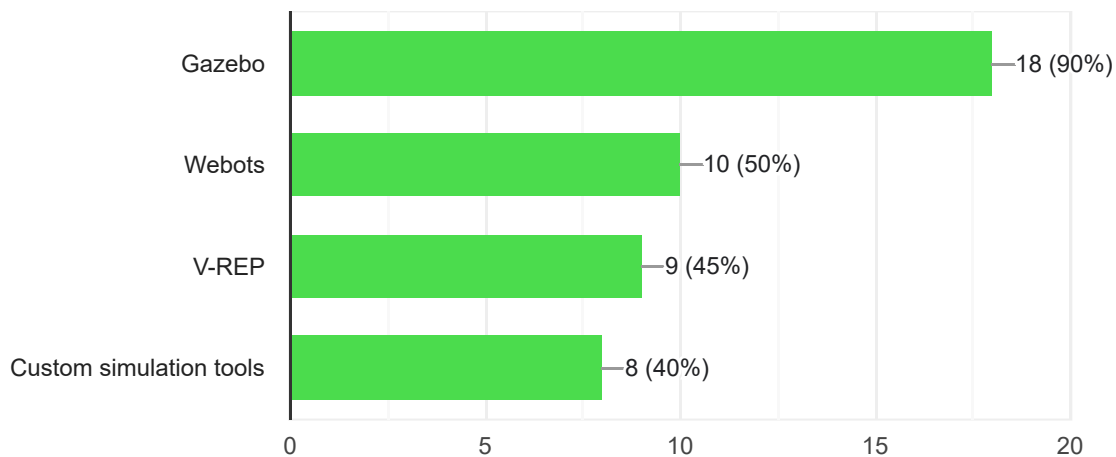
20 responses



What simulation environments or frameworks do you use for testing path planning algorithms?

 Copy

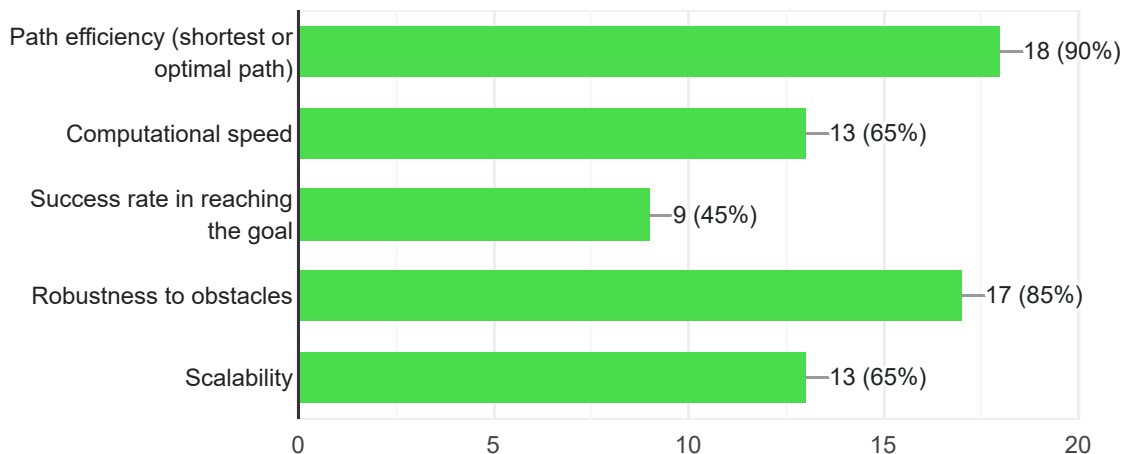
20 responses



How do you evaluate the performance of a path planning algorithm

 Copy

20 responses

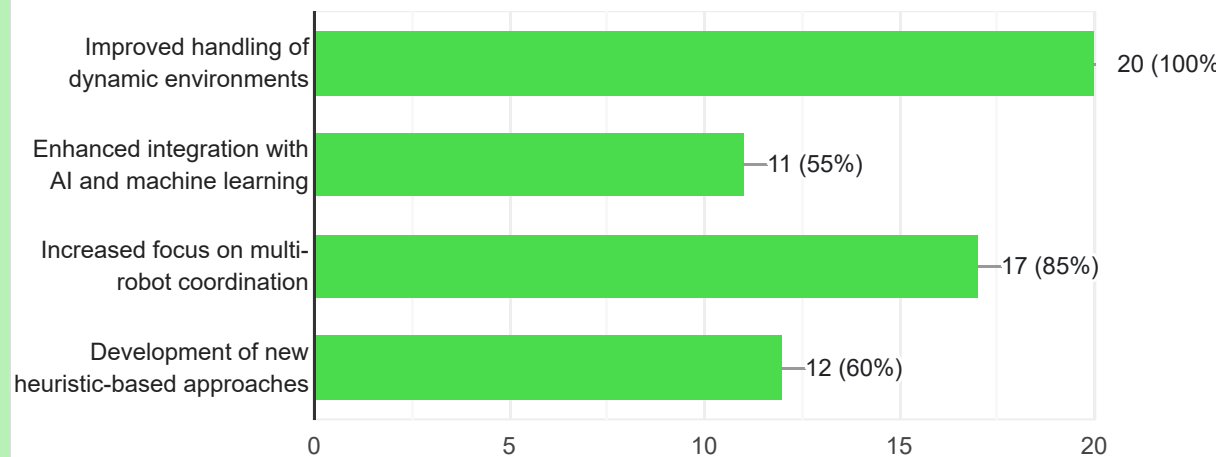


Future Trends

What advancements do you predict in the field of robot path planning in the next 5 years?

 Copy

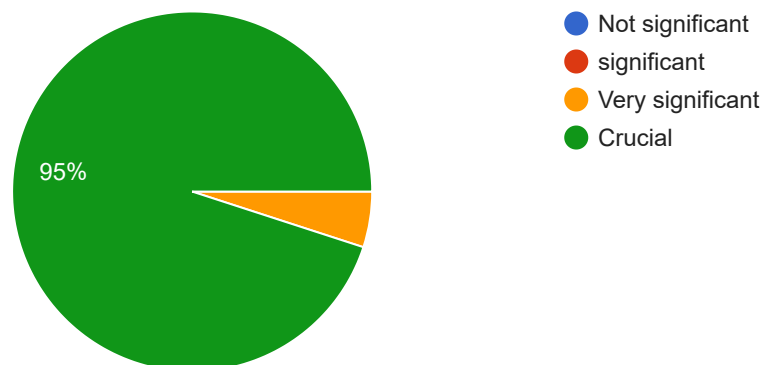
20 responses



How significant is the role of multi-robot coordination in the future of path planning?

 Copy

20 responses



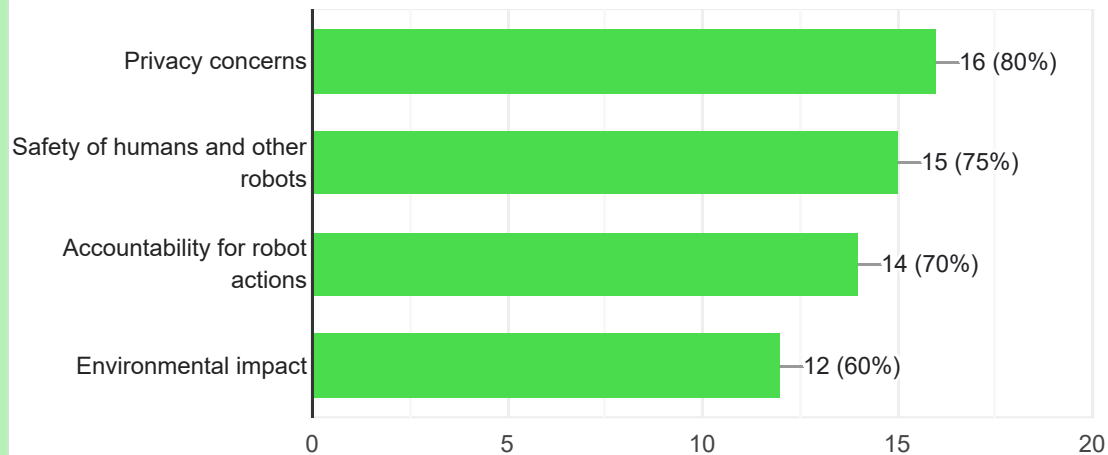
Ethical and Practical Considerations



What ethical considerations should be considered when deploying robots with path planning capabilities in real-world environments?

 Copy

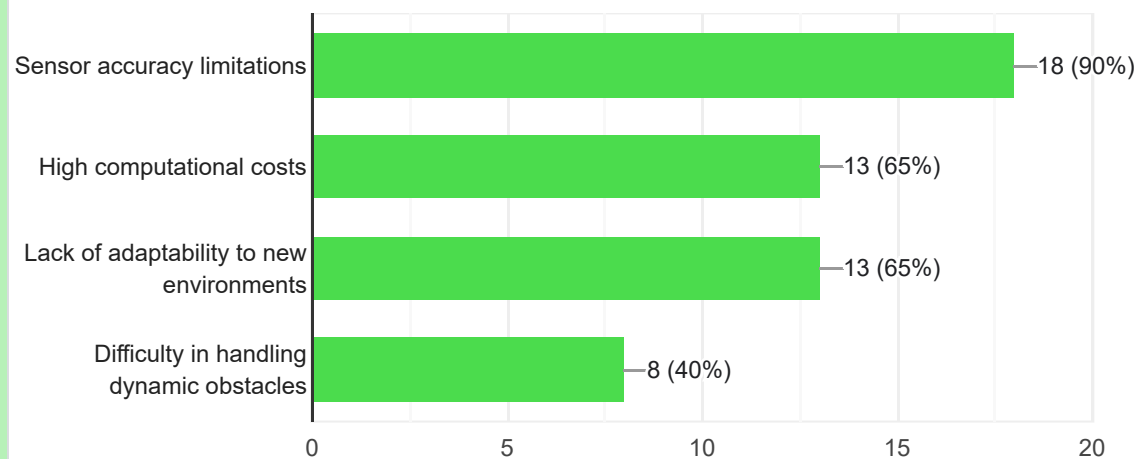
20 responses



What practical limitations have you observed in real-world applications of path planning algorithms?

 Copy

20 responses



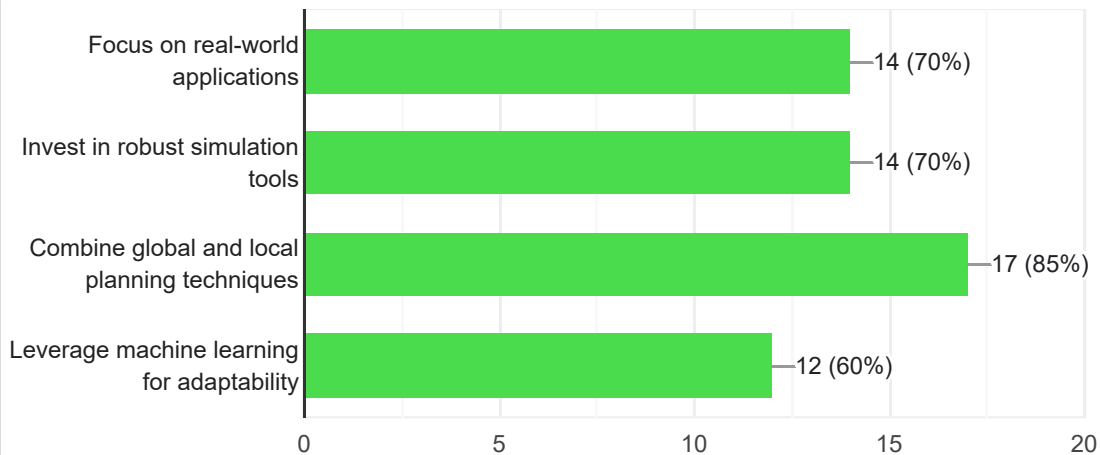
Feedback and Suggestions



Do you have any suggestions or best practices for someone researching path planning for mobile robots?

 Copy

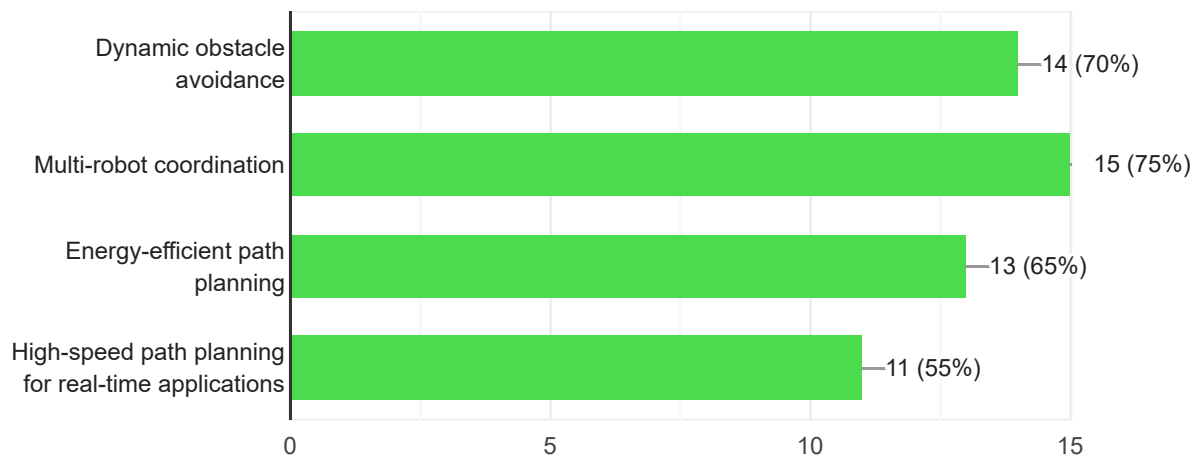
20 responses



Are there any specific areas within path planning that you think require more research focus?

 Copy

20 responses



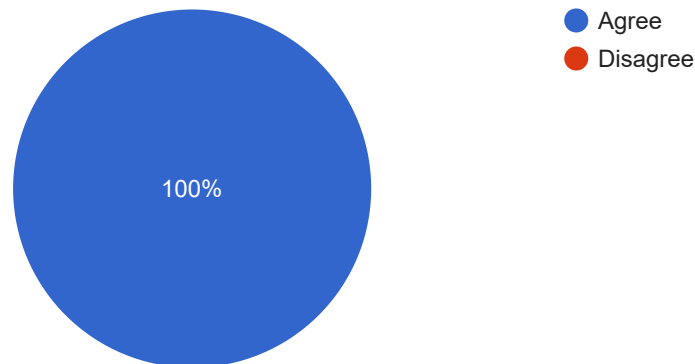
INFORMATION FOR FINAL THESIS EXPERT INTERVIEWEES



Dear interviewees, As part of their studies at IU - International University of Applied Sciences, students will conduct expert interviews in preparation of their thesis. Students will ask for the following information: age, gender, position in your company/job, details from your professional and personal life, habits, and opinions. Any information that you do not wish to be published in the thesis must be expressly stated to the student, in writing if possible. Your name will also be requested and documented during the interview. The data collected will be utilized for the development of the thesis only and not for any commercial use. After the interview, your data will be analyzed by the student in order to publish the results in their thesis. The original transcript (or any other documentation) of the interview will remain with the student. While the original transcript will not be published, the student will publish their analysis of the data as well as quotations with the necessary context. Both the student and IU will have access to the data collected from you. The student will have your name and contact information. Therefore, your consent to the collection and use of your personal data is requested. Please note that IU has no influence on the processing of your personal data, as the student is responsible for this.

Consent:

20 responses



This content is neither created nor endorsed by Google. - [Terms of Service](#) - [Privacy Policy](#)

Does this form look suspicious? [Report](#)

Google Forms

