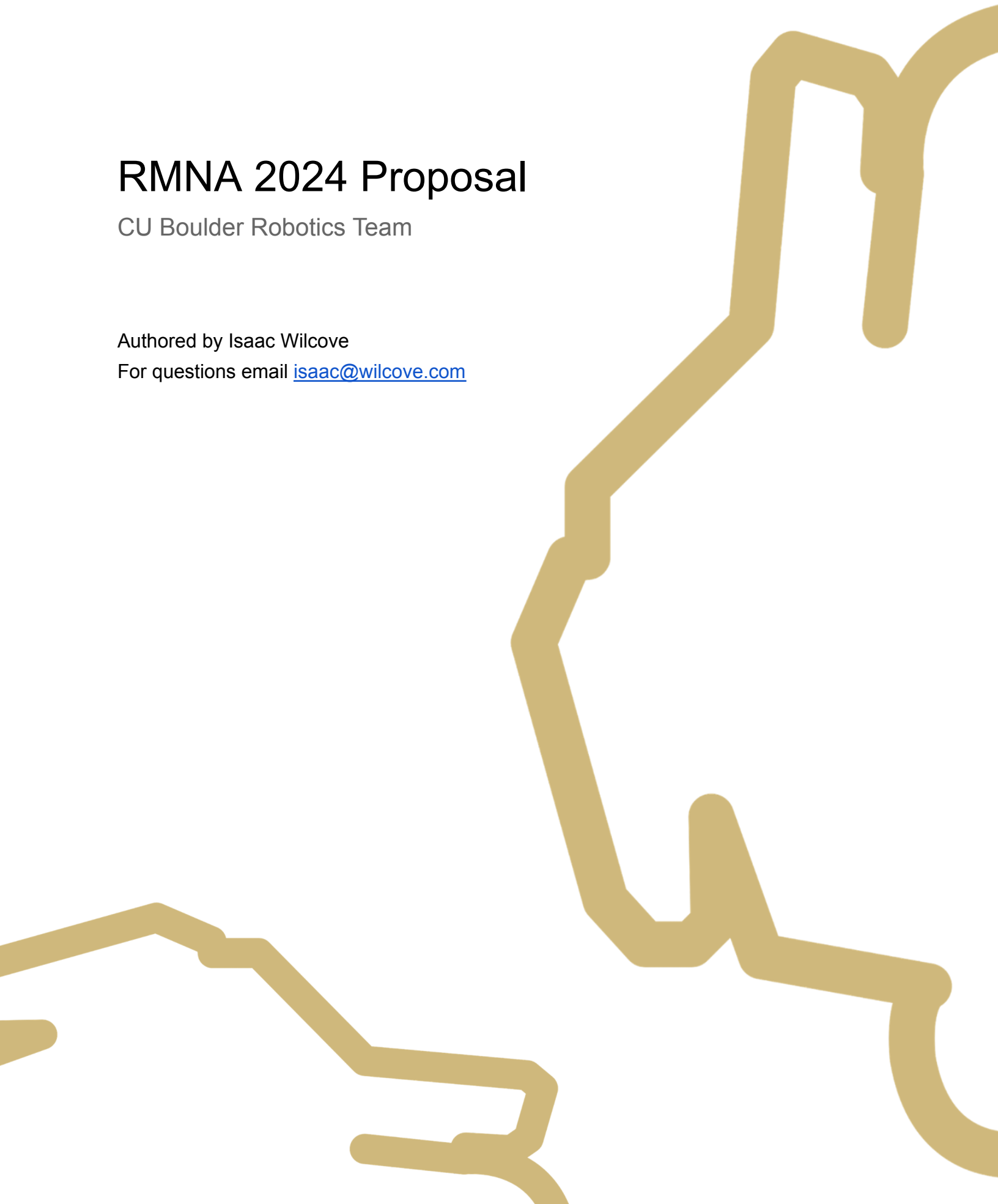# RMNA 2024 Proposal

CU Boulder Robotics Team

Authored by Isaac Wilcove

For questions email isaac@wilcove.com

1. Foreword

The CU Boulder Robotics Team (CURo) is excited at the prospect of hosting a RoboMaster North America tournament. As the flagship event, it's critical to the growth of our community that it succeeds. This is the core value of our team. If we are to host RMNA, we want to do it right. However, as one of the smaller teams in the RMNA circuit, this comes with a few requirements. Unlike previous years where the hosting team performed the vast majority of both in-advance planning and at-event management, a tournament at CU would depend on third parties.

The limiting factor preventing our team from bidding in the past has been a lack of personnel to plan and staff the event. However, as the competition has matured, it has become clear that a strong support group now exists outside any one team. We intend to leverage this group to host a successful event that exceeds expectations and provides a good image for RoboMaster North America.

In the event CU Boulder is to be selected as the host school:
- A inter-team planning committee will handle general planning, consisting of:
  - Isaac Wilcove, CU Co-President and on-site coordinator for RMNA 2024.
  - 1-2 fundraisers, responsible for corporate sponsorships. CU Robotics as a team will provide $3,000 in school-acquired funding.
  - Yibo's team of RoboMaster event operators.
  - Community members who can make a long-term commitment to planning the tournament.

2. Location

Colorado is known for its beauty, industry, and central geographic location. It is ideally suited to host an RMNA event.

Flight lengths from teams' primary airports to Denver, Houston (RMNA 21', 22'), and Seattle (RMNA 23').

Origin	Flight Duration		
	To Denver	To Houston	To Seattle
Denver		2:30	3:00
Houston	2:30		4:45
Seattle	2:45	4:15	
San Diego	2:30	3:15	3:00
Urbana	2:30	2:30	4:30
Indianapolis	2:30	2:30	4:45
New York	4:15	3:45	6:00
Austin	2:15	Drive	4:30
Atlanta	3:00	2:15	5:15
Los Angeles	2:30	3:15	2:45
Montreal	4:00	4:00	6:00
Toronto	3:30	3:30	5:30
Montoursville	Connecting		
Roanoke	Connecting		
Average	**2:55**	**3:10**	**4:32**

Venue

There are two potential hosting locations for a tournament at CU Boulder.

The first candidate is the University Memorial Center (UMC). Analogous to the HUB at UW, it has a 13,939 sq. ft. ballroom that can accommodate multiple fields and a dedicated pit space. It also contains dining and entertainment.

The second candidate is the CU Event Center. Many sporting events are held here, most notably Basketball. While more expensive than the UMC, it comes with stadium seating and more area.

Accommodations

The CU Robotics' team's current understanding is that dorm packages may be available, but cannot guarantee that this is the case. We intend to provide a Seattle-like package if possible for the convenience of the teams.

Weather

Summer temperatures in Colorado are warm, with lows in the 50s and highs in the 80s. It's a little on the hot side, but the low humidity means it's generally pleasant to be outside. This enables participants to walk through town, enjoy the sights, and most importantly compete in comfort.

Activities

Boulder is renowned as one of the most beautiful cities in the United States. Participants can find world-class hiking, sightseeing, and typical college-town activities only minutes away from campus.

The Boulder Flatirons that tower over campus.

3. Timeline

In the event of selection, the CU Boulder Robotics Team is to immediately form a competition planning committee, consisting of individuals both internal and external to the team. This would be a first in the history of RMNA, but is an important step we must take to ensure the longevity of the competition. The following is a rough order of operations for a successful event based on feedback from previous years' organizers:

Major Task	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Committee applications & formation	■	■										
Secure venue reservation		■	■									
Announce team fees			■									
Fundraising		■	■	■	■	■	■	■	■	■	■	
Accomodations announcement(s)									■	■		
Detailed on-site plan									■	■	■	
Competition												■