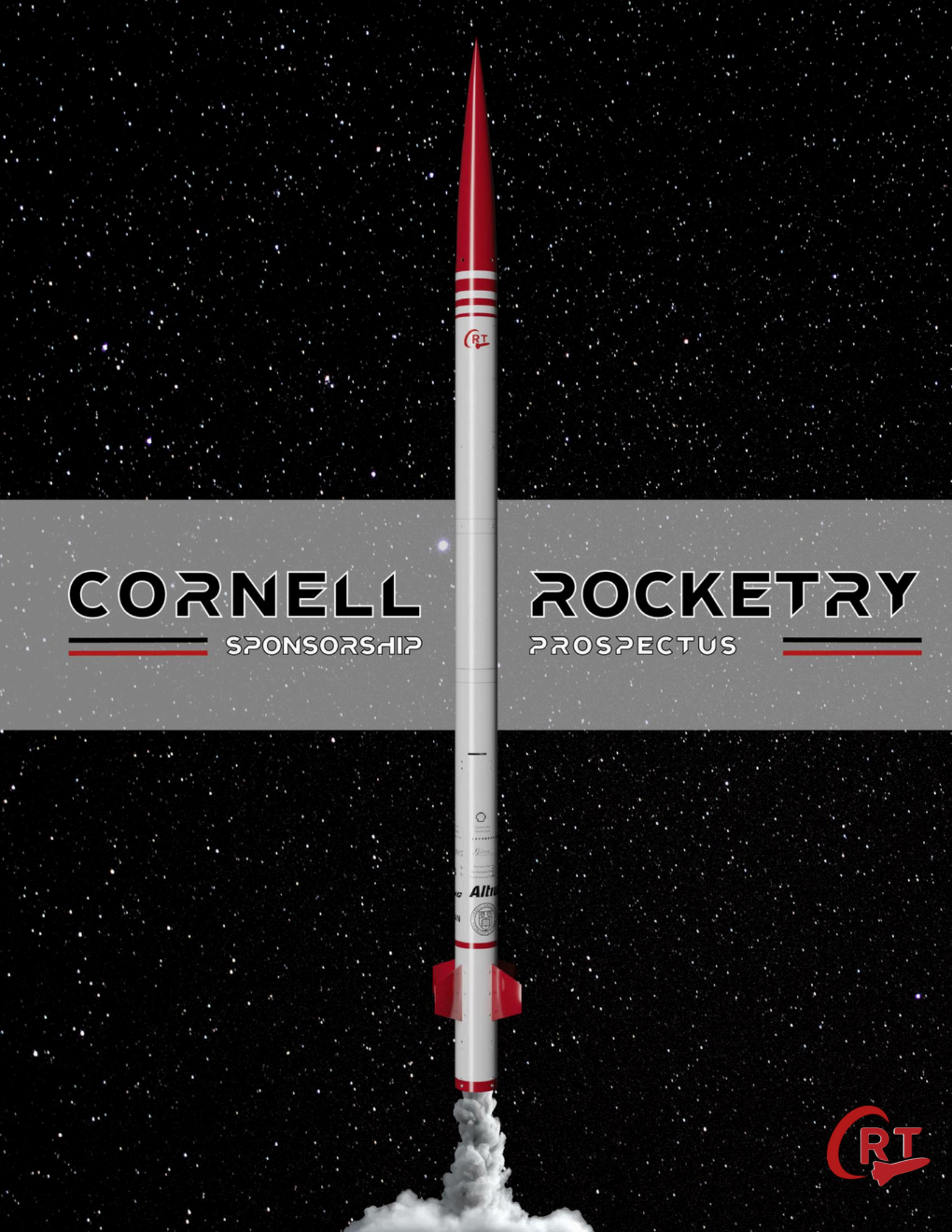
CORNELL
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ROCKETRY
PROSPECTUS

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ABOUT US

Welcome to Cornell Rocketry! Cornell Rocketry is a 50-member undergraduate engineering project team working with the College of Engineering at Cornell University to provide hands-on experience in aerospace engineering. CRT designs, manufactures, and launches a high-powered rocket every year for competition.

Our competition is the International Rocket Engineering Competition (IREC), the world's largest intercollegiate rocket competition. This year, we will travel to Midland, Texas to compete against over 160 other collegiate teams from 22 different countries. The primary goal of the competition is to launch our rocket to a target apogee of 10,000 feet using our Student Research and Developed (SRAD) rocket motor. Every year, our rocket carries with it a unique scientific payload that leverages the high altitude or high acceleration environment onboard the rocket.

The team designs and manufactures nearly every part of the rocket in-house, making use of a variety of lab spaces on campus. While competition is the major goal for the team, our primary focus is to provide all of our members with the opportunity to learn and grow as engineers with hands-on experiences. This year, we will launch our very first SRAD hybrid motor, bringing us new and exciting technical challenges across hardware, software, and electronics. We are also developing an autonomous navigation system to land our rocket using brake line manipulation.

At the 2023 IREC (previously called Spaceport America Cup), Cornell Rocketry Team was awarded **1st place in 10,000ft SRAD Solid**, our competition category. We also took home judges' choice **2nd place overall**. We are excited to compete again this year and are hoping to achieve similar impressive results with our first SRAD Hybrid launch vehicle. Although it's an ambitious project, CRT's 6 subteams are looking forward to designing, constructing, and launching this year's rocket at the 2025 IREC, and we rely on sponsors like you to help make this goal a reality!

SPONSORSHIP INFORMATION

The following are suggested tiers- contributions of any amount are appreciated.

	Bronze $500	Silver $1000	Gold $2500	Platinum $5000	Diamond $10000
General					
Newsletter	✓	✓	✓	✓	✓
Visibility at Cornell		✓	✓	✓	✓
National Visbility*			✓	✓	✓
Access to Designs				✓	✓
Tour of Workspace					✓
Info Session at Cornell					✓
Personal Thank You's					✓
Recruitment					
Access to Resume Book			✓	✓	✓
Access to Members**				✓	✓
Branding					
Logo on Website	✓	✓	✓	✓	✓
Logo on Rocket		✓	✓	✓	✓
Logo on Apparel		✓	✓	✓	✓
Public Thanks					✓

*Companies will gain widespread visibility through our national competitorns

**Companies may reach out to CRT members year-round for recruitment,new-products, or tech-talks.

SPONSORSHIP INFORMATION

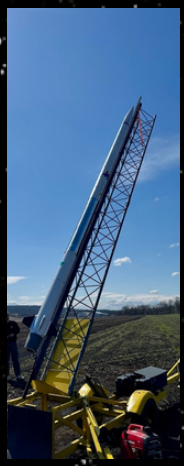
THE COMPETITION

This year, CRT will compete alongside over 160 collegiate teams from 22 different countries in the annual Internation Rocket Engineering Competition in Midland, Texas. Our goals for this competition include:

- Launching to a precise 10,000 feet apogee above ground level, using our student-designed N2O-HTPB Hybrid propulsion system
- Commanding our ground support systems and hybrid motor flight hardware successfully through our ground software
- Autonomously navigating the rocket to the ground using a student developed Brake Line Manipulation System (BLiMS)
- Sampling dust particles in the air on ascent using our high frequency air sampling payload
- Deploying our parachutes precisely at apogee and our preset main parachute deployment altitude using our custom flight software and flight electronics
- Tracking our rocket using custom antenna tracking systems, including rotational antennas stationed on the ground and our student-built iOS app to guide recovery team members to our landed rocket

WHY SPONSOR

Our 6 subteams — Propulsion, Structures, Electrical, Software, Recovery & Payload, and Business — need your support to help us design and test rockets and to gain exposure to important workforce skills! By supporting CRT, sponsors can gain visibility throughout Cornell and nationally, recruit promising, talented engineers from our team, and advertise through our social media channels. Donations will go towards rocket building materials, travel expenses to competitions, and safety equipment.



THANK YOU

FOR CONSIDERING CORNELL ROCKETRY TEAM