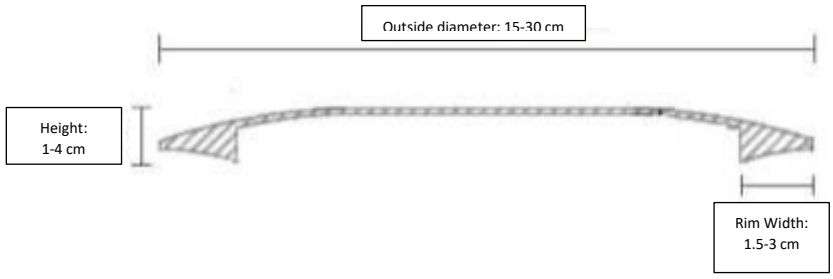
Ceramic Disc Golf

PURPOSE: The purpose of the Ceramic Disc Golf contest is to promote spirited and collegial competition among students by demonstrating their prowess in manufacturing ceramic discs possessing high strength and mechanical reliability. The contest is organized by Keramos.

IN-PERSON RULES:

1. All student members of Material Advantage are eligible to participate; entrants DO NOT have to be members of Keramos. All work on the discs must be performed by students; Faculty members and non-students may only advise.
2. Each Institution may submit up to four discs for judging.
3. One disc per person
4. Discs must be made entirely from ceramic or glass materials, and may not contain any metal, plastic, paint, organics, or non-ceramic materials.
5. No commercially made parts may be incorporated in the discs, to include rods or prewoven fiber mats. Raw materials such as powders, liquid precursors, chemicals, and fibers are permissible to purchase and use to fabricate a disc; however, any woven textile fiber architecture created to reinforce the disc must have been fabricated by the students and not purchased.
6. Discs are to be saucer-like in shape with an outside diameter between 15-30 cm, a height of 1-4 cm, and a rim width 1.5-3 cm. See the below diagram for details.
7. Discs can be enameled or glazed but cannot be painted or coated after final firing.
8. Discs must be fired or formed at a temperature of 1000°C or higher. No parts may be glued or tied on after firing.
9. No poisonous or toxic materials, e.g., arsenic, are to be incorporated into the discs. Contestants are expected to follow standard safety practices in place at their university.
10. The year of the contest must be inscribed (or glazed) into the surface of the disc. No paint or marker etc.
11. Only discs made during the current calendar year may be used.
12. Prizes will be given to the winning individual and the contestant with the most aesthetically pleasing disc. Height: 1-4 cm Outside Diameter: 15-30 cm Rim Width: 1.5-3 cm



JUDGING:

1. The judges of the contest will consist of at least 2 members of the Keramos National Board of Directors.
2. Each disc will be judged in the categories of furthest distance made and artistic merit (aesthetics). The disc that was successfully thrown into the disc golf hole from the farthest distance in the least number of shots will be named winner of the Ceramic Disc Golf Contest and the most aesthetically pleasing/creative disc will be recorded as the “Best Looking” disc.
3. Before the competition, each disc must be tested to ensure that it is within the appropriate

size restrictions.

4. Discs will be thrown in alphabetical order by institution name at each distance.
5. The competition will be performed as follows
    a. Shots shall be taken from one-meter increments until all the competitors fail to make the shot or until all the discs are broken. No passing on throws will be allowed. The maximum distance will be 9 meters.
    b. Three attempts at each distance will be given to make the shot.
    c. The student that makes a throw from the farthest distance away with the least number of shots accumulated will be the winner and awarded a prize.
    d. If the disc breaks, the students score will be the last made distance. The disc will be considered broken if it can pass through the minimum diameter hole (20 cm). Judges may also choose to make their own evaluation of whether the disc is broken or otherwise unsafe to throw.

CONTEST ADMINISTRATION:

1. These contests will be held during the MS&T conference each fall.
2. Winners will be announced in the Keragram and forever recorded in the Keramos Record book. Photos of the winners are often included in the ACerS Bulletin as well as the other Material Advantage Partner Society publications.