2022 Che3460 – Assignment #2: Cover Art

Due on Nov. 16th at midnight

Upload to Rater in “Assignment Two: Cover Art” (password: striking)
(but also email to instructor + TA using subject line “ChE3460 Cover Art Assignment”:
wilmer@pitt.edu + RIP36@pitt.edu)

Here you are asked to make a beautiful cover-art image for a scientific project. The scientific topic/concept of the cover art is of your choosing. Must be a finished product, although beauty is subjective, there are various graphical “glitches” that are objectively unacceptable for cover art (blurriness, “firefly” pixels in Cycles rendered images, and a range of other graphical artifacts). Typically, a cover image will require a printing resolution of 600 dpi, which for an 8” x 8” image would be 4,800 x 4,800 pixels (at least). For this assignment, you are only required to create an image with a pixel resolution of 3,000 pixels x 4,200 pixels (or greater, if you prefer, those are the minimum dimensions). Any software can be used to make the cover art image, but the end result should be striking.

One thing to keep in mind is that making good cover art is a process. You should have a brainstorming phase, where you discuss and/or sketch several ideas. Then after selecting an idea, you should make several close-to-finished versions and ask friends/colleagues which version they like best. Once you have a “best” one selected you can make a higher resolution version of it, make any final tweaks, and then submit it.

Note: There is no presentation component. The cover art must be self-explanatory. You are welcome to provide additional commentary to the class, but the image must stand on its own.