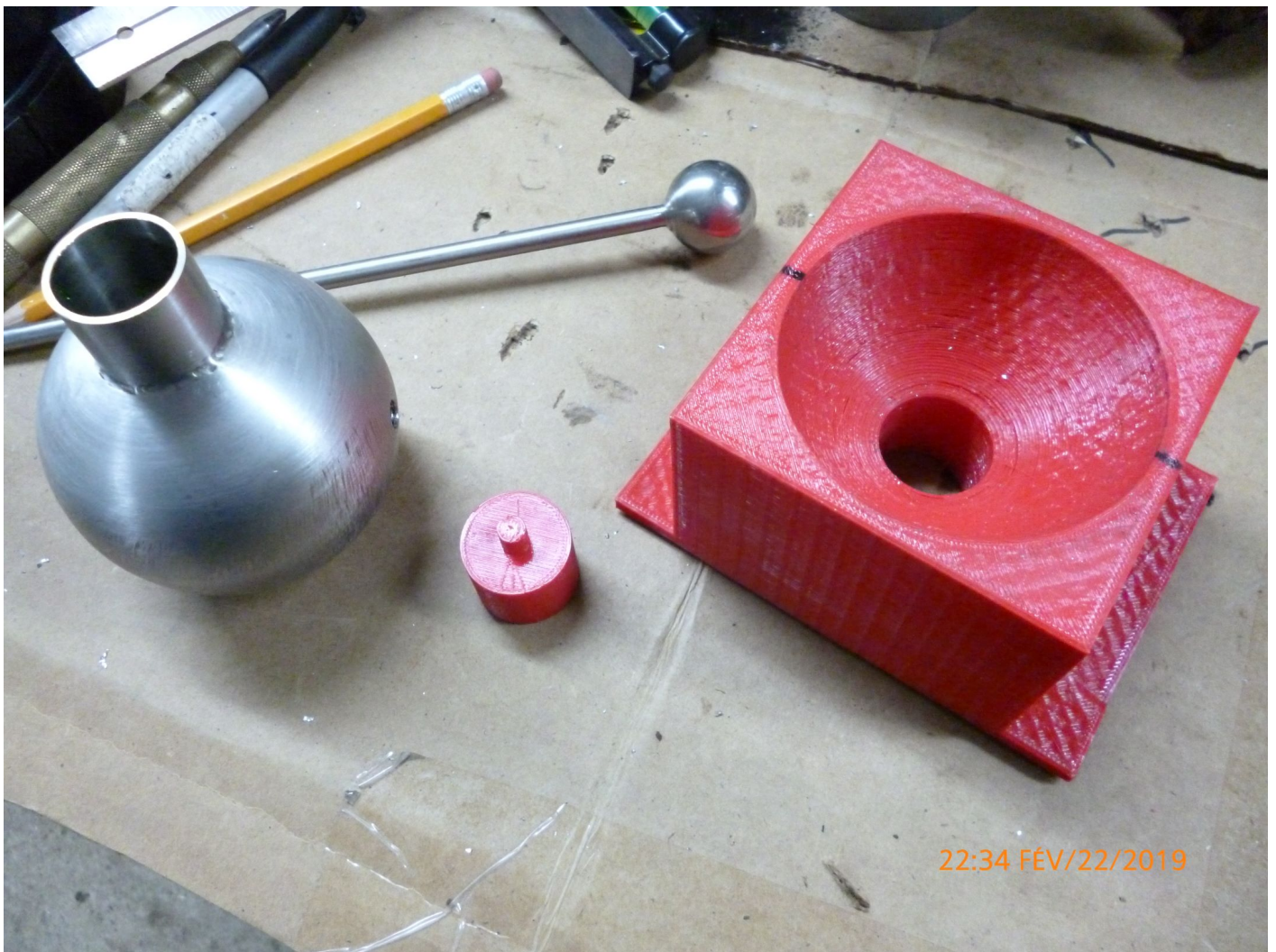


sphere cell replication v.1

here is a replication of stan meyer's spherical resonant cavity.

outer sphere is 3 inch diameter 11ga 304l stainless steel, inner sphere is a 1inch 304l solid ball.

a centering jig was 3d printed to use the pre-drilled hole in the outer sphere as a reference point to drill the other hole.





14:25 FÉV/23/2019

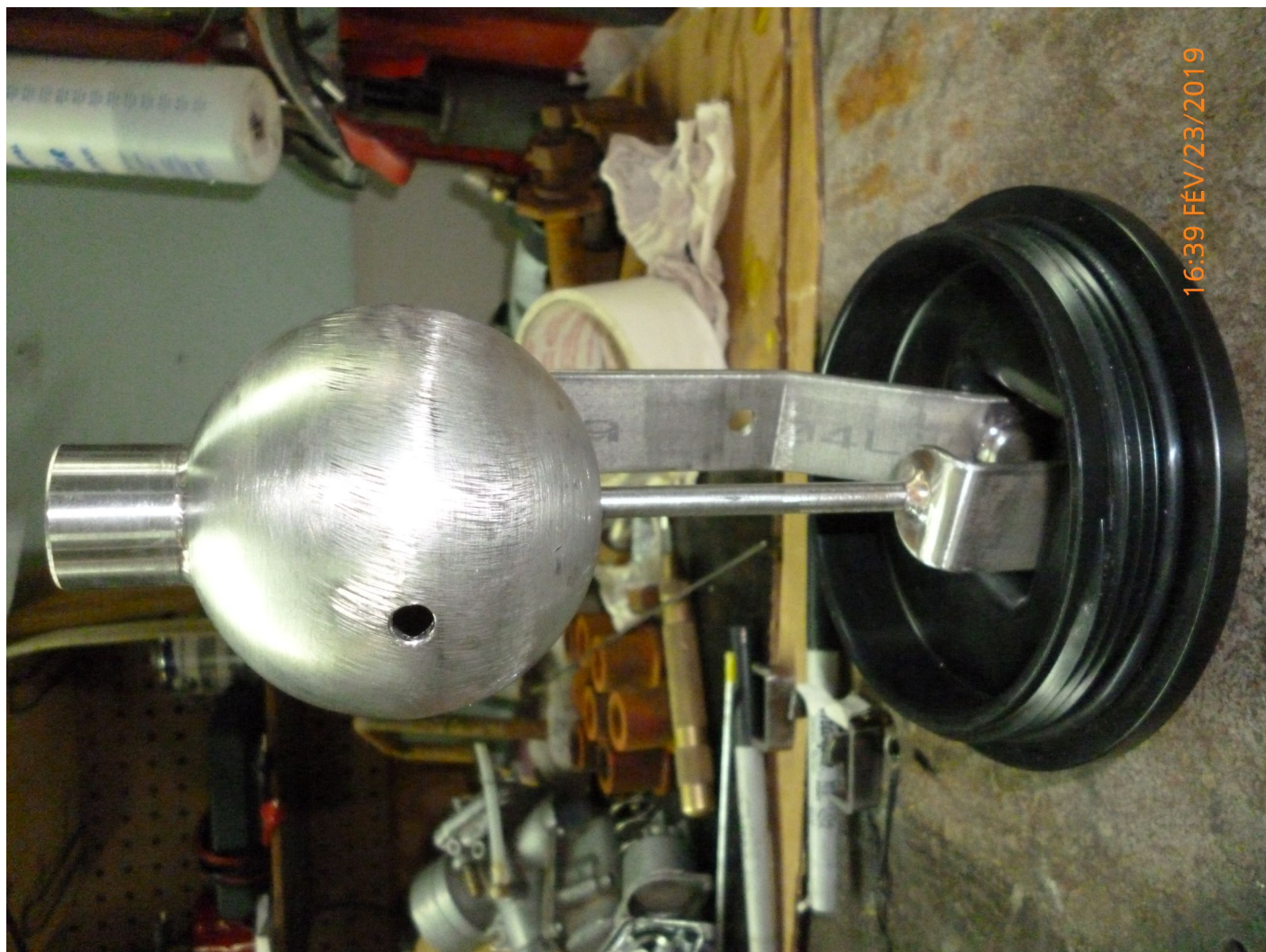


15:01 FÉV/23/2019









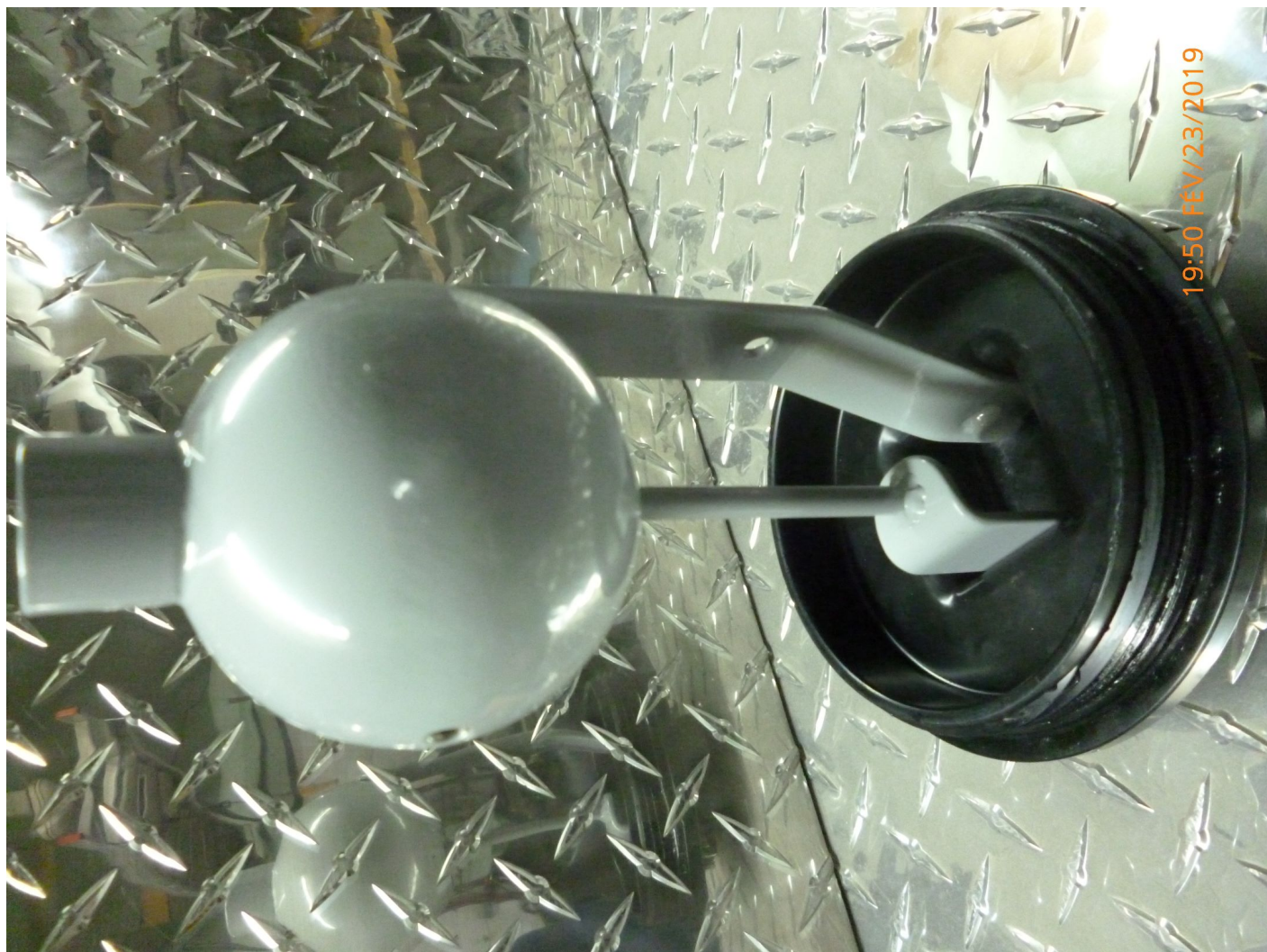
the outer wall of the 3 inch sphere was powdercoated in an attempt to prevent electron leakage to the water bath.





18:26 FÉV/23/2019

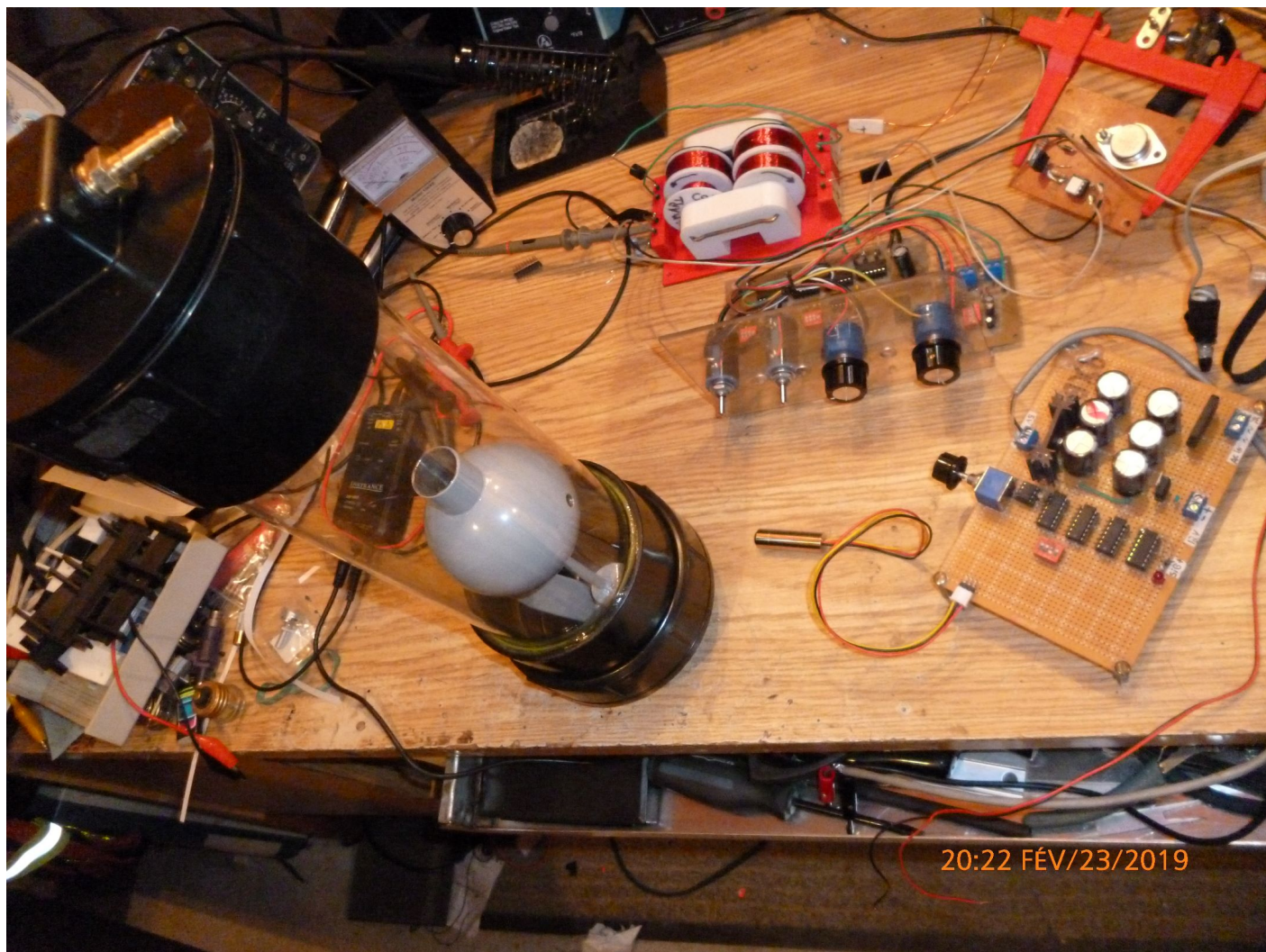






a hole was provided on the outer shell to allow pulsed laser light injection.





Revision #3

Created 15 June 2023 00:05:28 by Simon Beausoleil

Updated 15 June 2023 00:34:32 by Simon Beausoleil