

# Simon Beausoleil

- sphere cell
  - sphere cell replication v.1

sphere cell

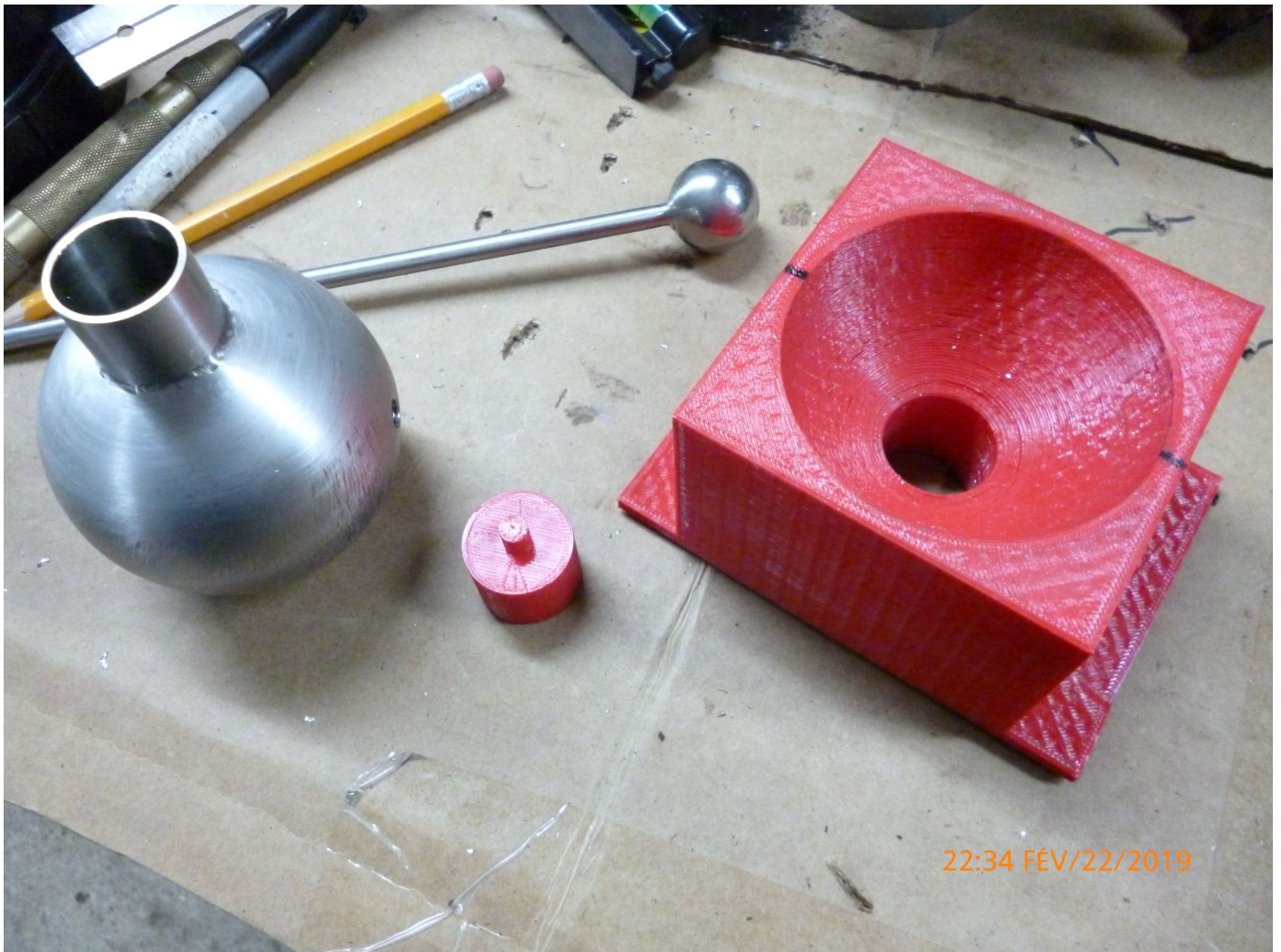
sphere cell

# 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

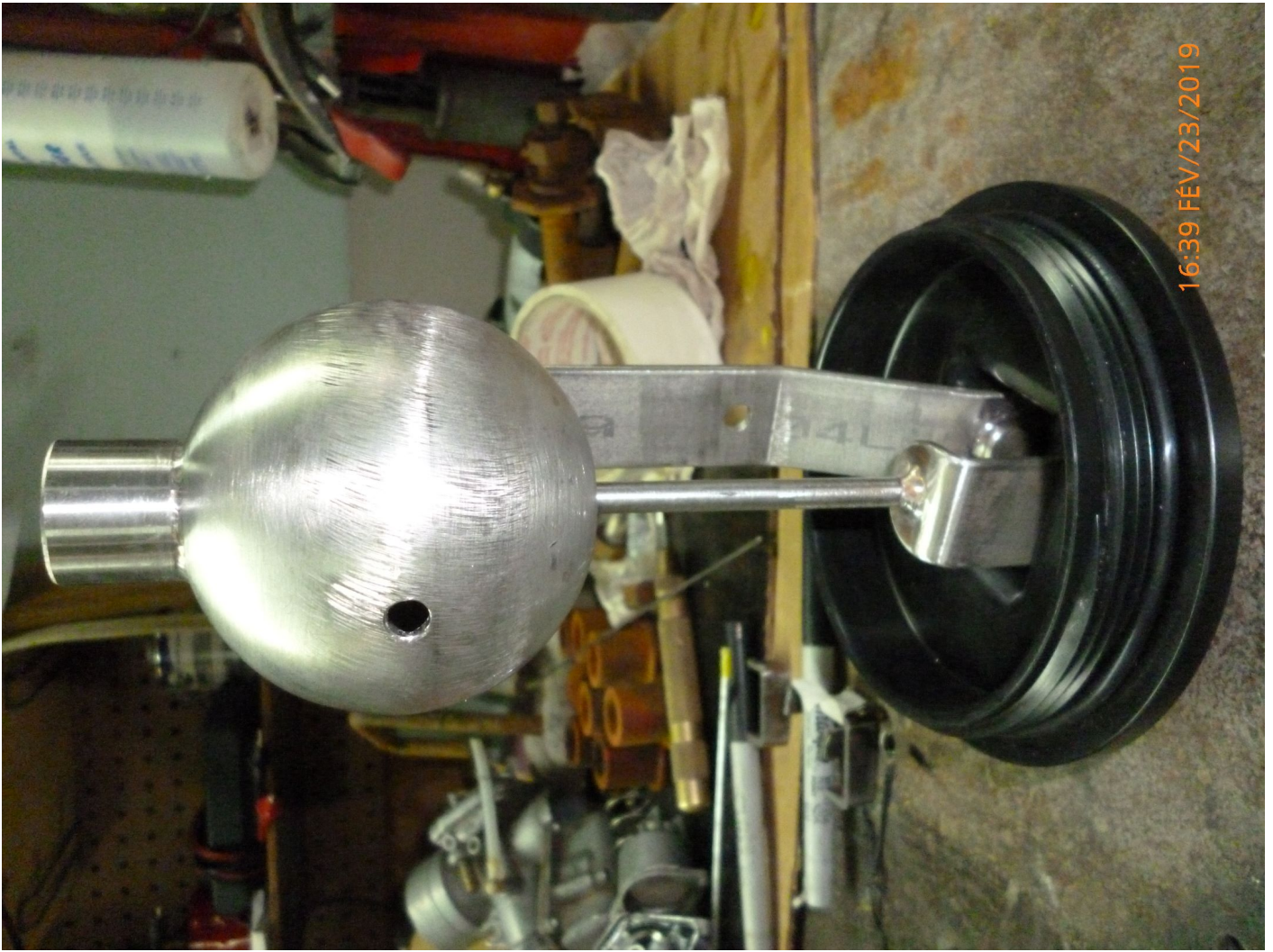












the outer wall of the 3 inch sphere was powdercoated in an attempt to prevent electron leakage to the water bath.







18:26 FÉV/23/2019



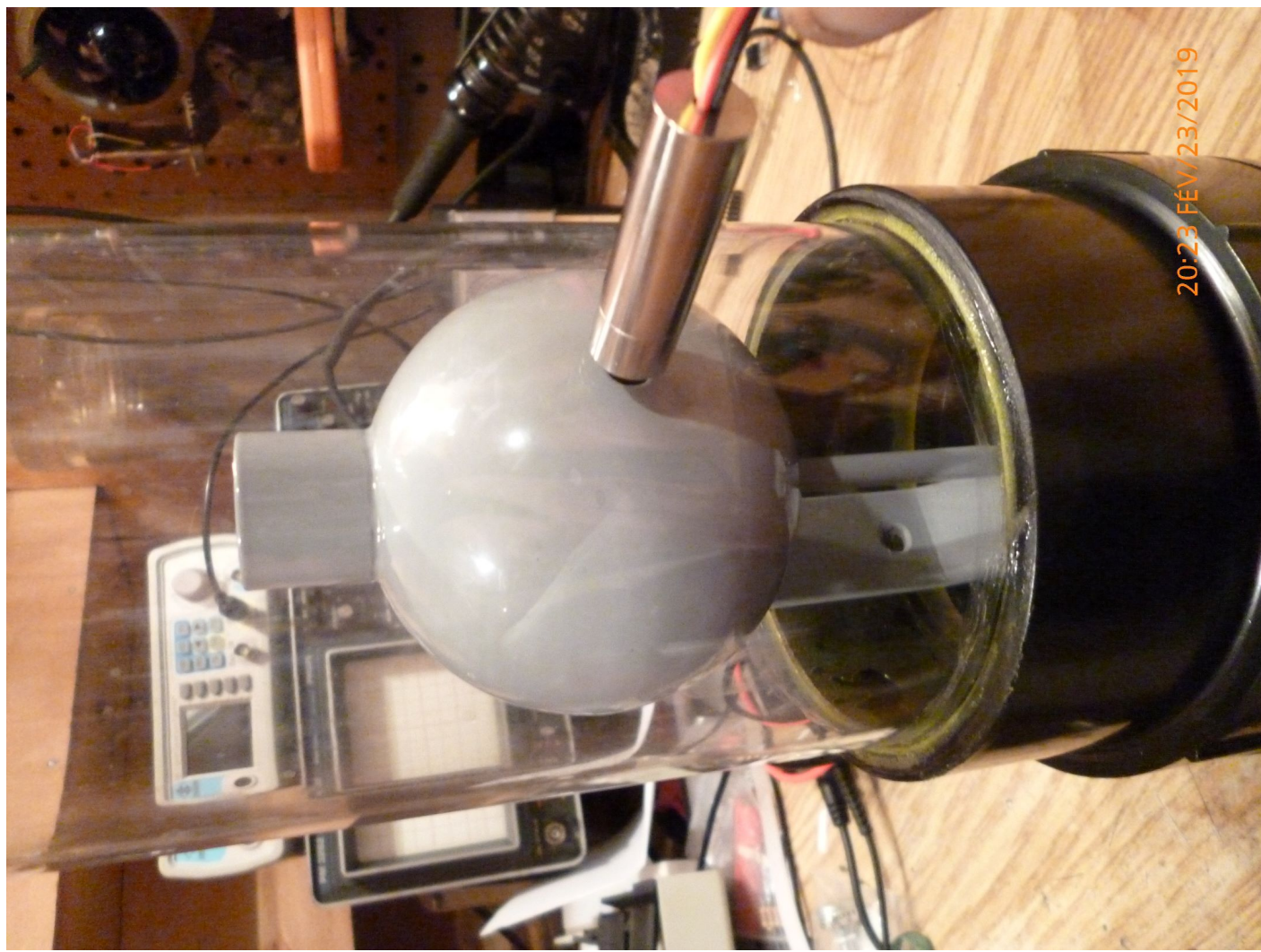






a hole was provided on the outer shell to allow pulsed laser light injection.





20:23 FÉV/23/2019

