3D Hg Jet Simulations

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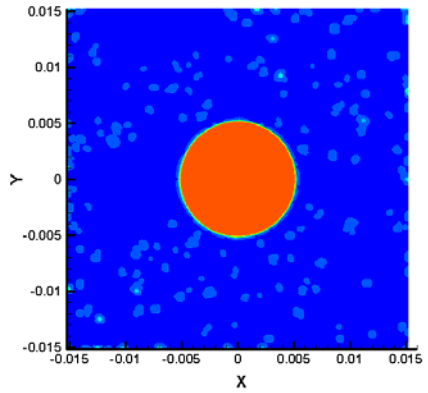
Outline

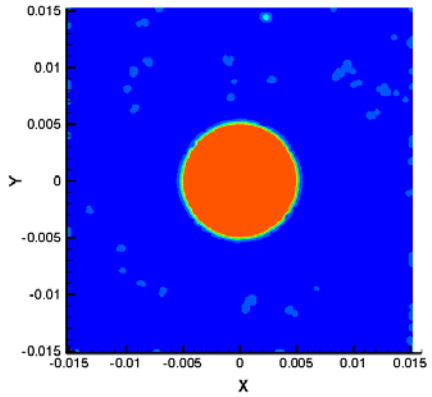
- Results of 3D Hg Jet for pipe with 90°/90° bend and 30° weld
- Comparison between two 3D Hg Jet simulations

Results of α_{Hg} at t = 112.1 ms

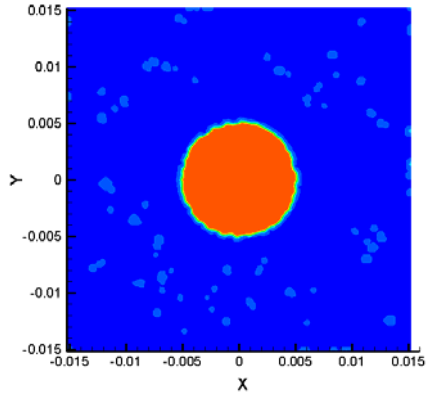
z = 0 cm



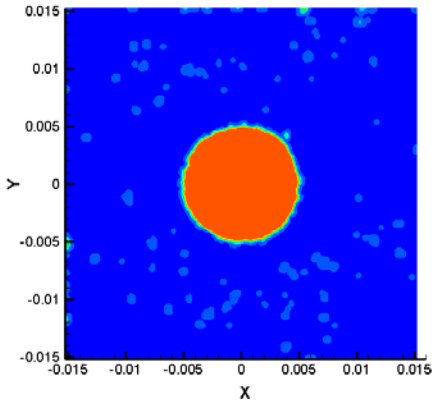
z = 1 cm



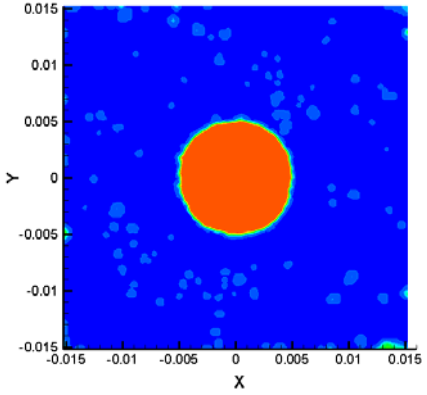
z = 5 cm



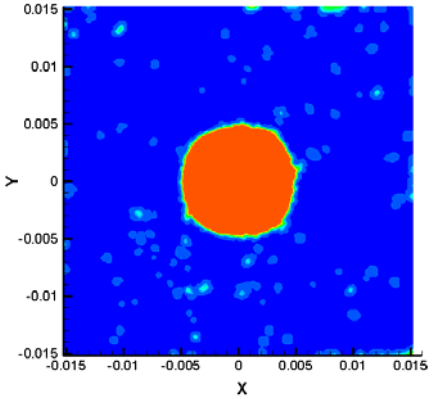
z = 10 cm



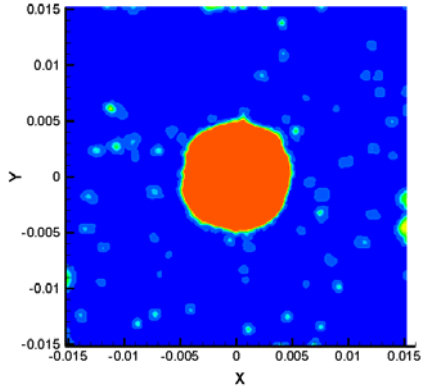
z = 15 cm



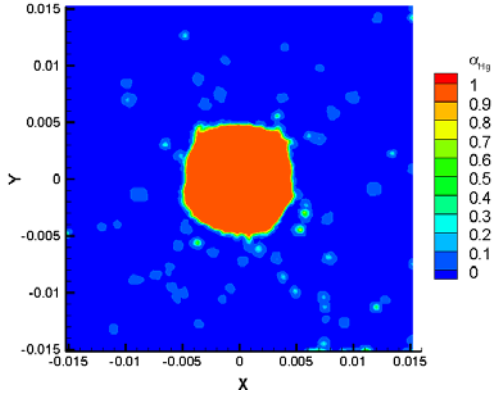
z = 20 cm



z = 30 cm

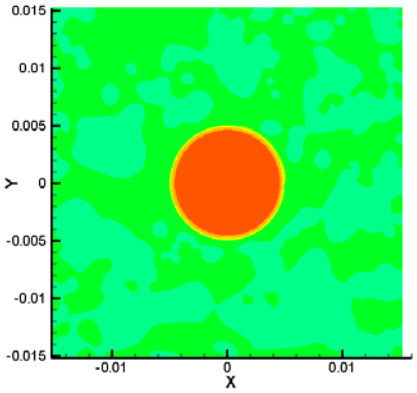


z = 45 cm

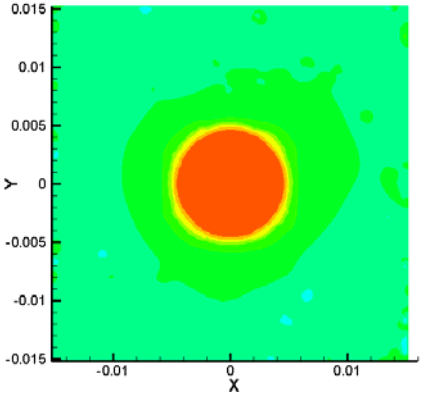


Results of u_z at t = 112.1 ms

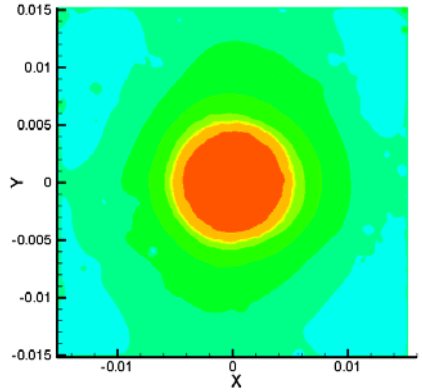
z = 0 cm



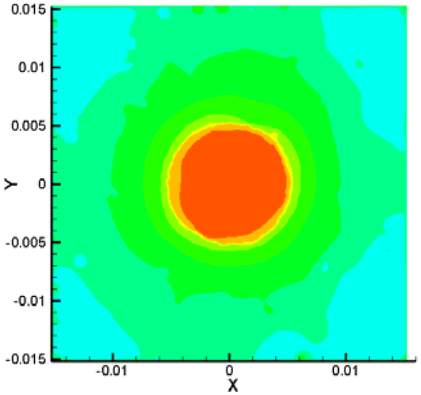
z = 1 cm



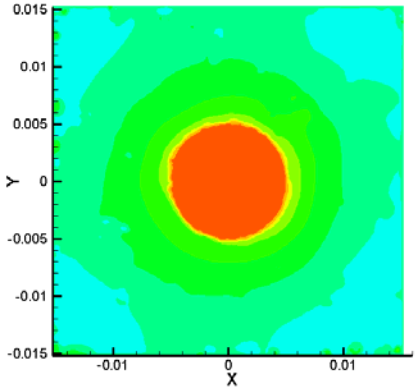
z = 5 cm



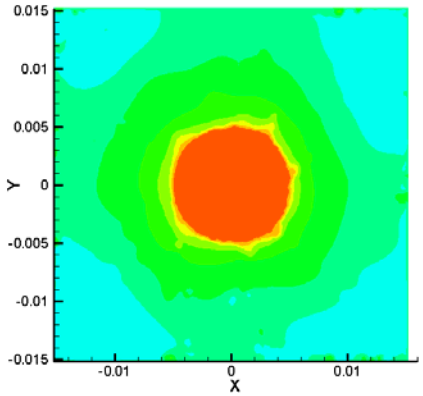
z = 10 cm



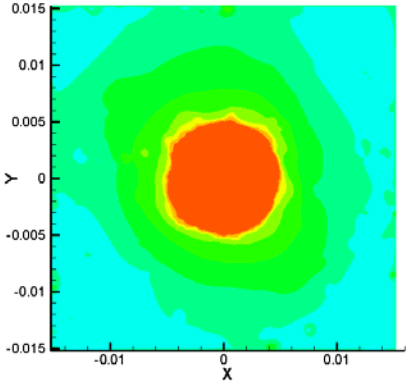
z = 15 cm



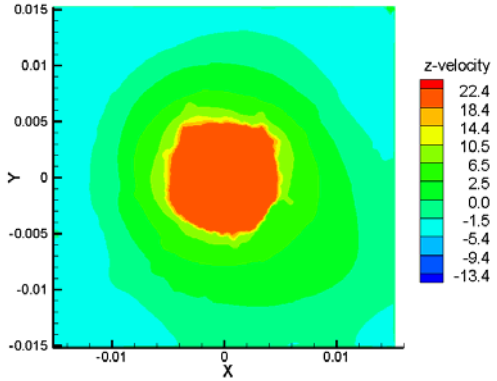
z = 20 cm



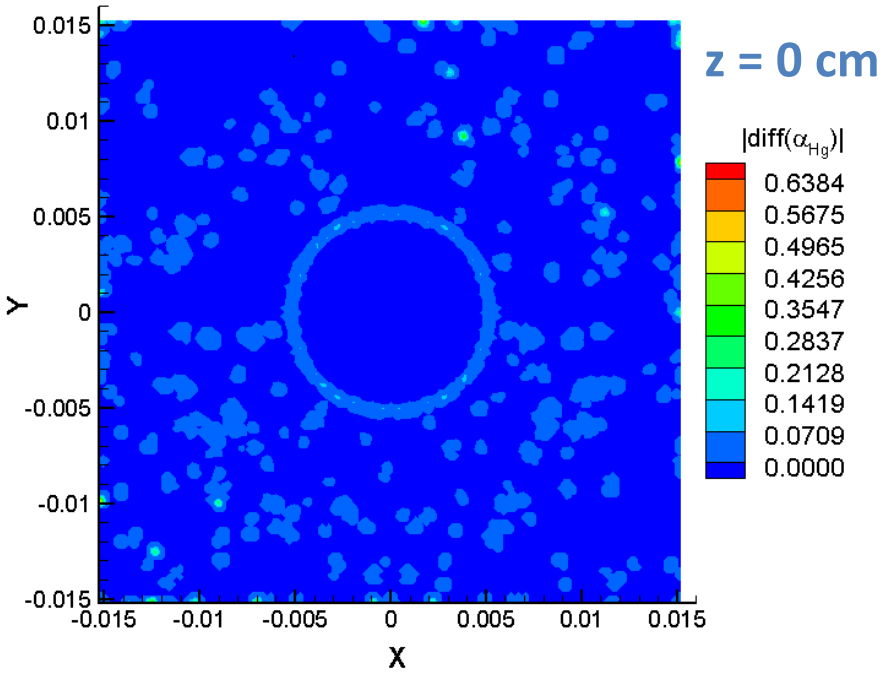
z = 30 cm

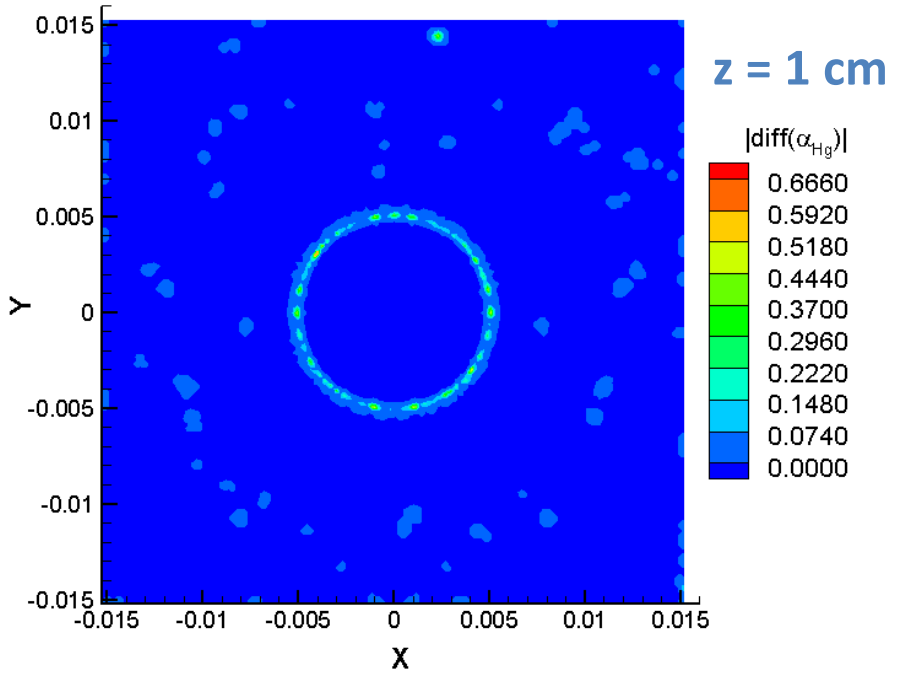


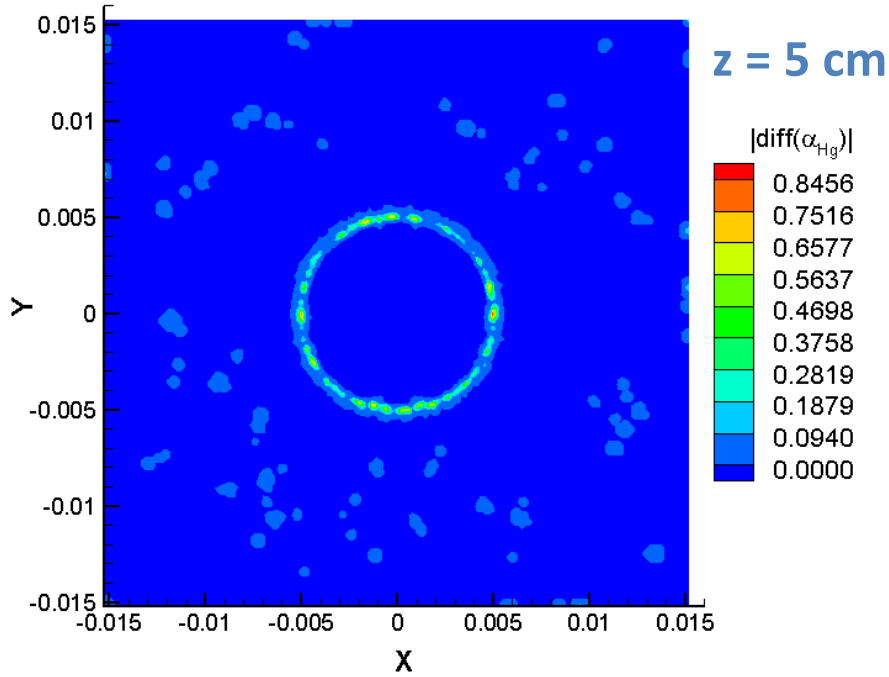
z = 45 cm

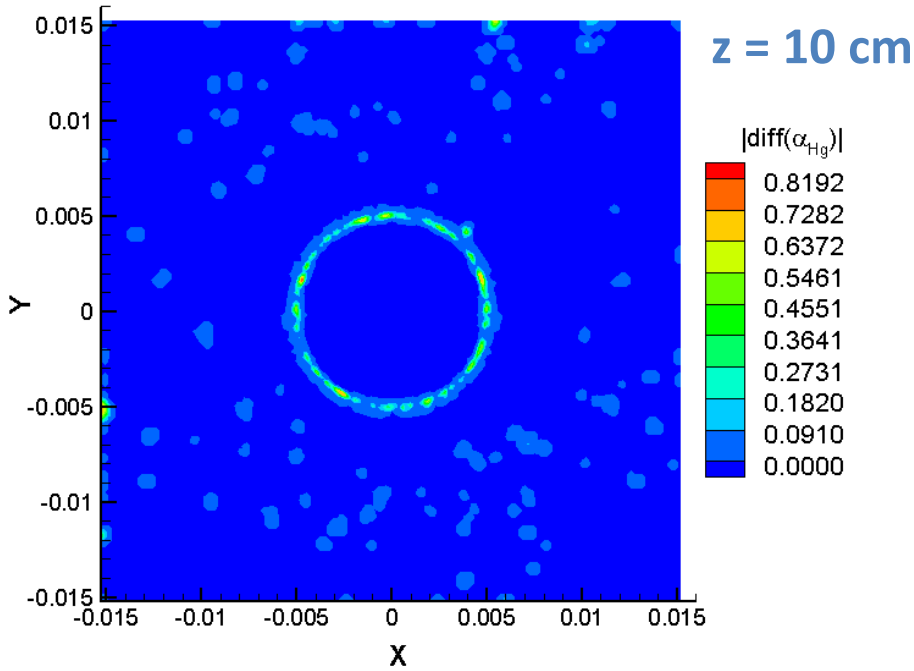


Difference Of α_{Hg} Between Case1 (at = 98.4 ms) and Case2 (at = 112.1 ms)









Difference Of α_{Hg} Between Case1 (at = 98.4 ms) and Case2 (at = 112.1 ms)