TOMOPLUS V7.0
Release Notes
(Released May 24, 2022)

2D/3DPICKER:
1) **NEW:** Automatic Processing: after creating the project, this option will pick first breaks, build an initial model, run traveltime tomography and calculate statics automatically, without any user interaction
2) When picking variable LMO function, the velocity can now increase or decrease
3) Fixed bug opening table when Checking for Non-unique Receivers (same XYZ and different ID)
4) Enabled First Break pickers to be run through a job scheduler

2D/3DPREP:
1) While building Index when importing a new file, the number of shots and receivers will be shown during progress

2D/3DIMAGING:
1) **NEW:** Enhanced 3D traveltime tomography algorithm to improve the resolution in the shallow part of the model.
2) Added option to turn off the calculation of Model-Based Residual Statics at the end of the 3D traveltime tomography run (this will be beneficial for very large 3D datasets)
3) Added VTI option in 2D traveltime tomography
4) Fixed bug to allow 2D marine tomography to be run with larger grid factors
5) Wtomo2d.par file is now created automatically when running 2D waveform inversion

2DVIEWM/3DVIEWM:
1) Added ability to apply coordinate transformation to uphole files to load in to 3DVIEWM
2) Added ability to remove upholes from the view and save upholes to the model in 3DVIEWM
3) Added function to Add/Subtract/Merge 2D Velocity models
4) Fixed bug exporting 3D surface as .txt when a .3mlay file is loaded

2D/3DSTATS
1) **NEW:** 3D Statics calculation can now run across multiple cores. This will allow very large 3Ds to calculate refraction residual statics more efficiently
2) **NEW:** option for calculating Model-based residuals in the 3DSTATS interface

Utility
1) The File Converter for converting GLI3D .geo files to .gtt will now handle a list of .geo files and run them in parallel

Other
1) Added capability to handle Slurm job scheduler