

method

Min-Fil

No Improvemer

- Pick the tile for next filling randomly
- ◆ If the tile is overfilled, lock all neighboring tiles
- ♦ Update tile priority
- \* MC/Greedy methods for STI Min-Fill
  - Find a solution with Min-Var objective to satisfy the given lower bound
  - Modify the solution with respect to Min-Fill objective

♦ Randomly select a tile stack according to its priority ♦ From bottom to top layer, check for fill insertion feasibility

• While (sum of priorities > 0) Do:

♦ Update slack area and priority of the tile stack

Calculate tile stack's priority according to cumulative effective density

♦ If no slack area is left, lock the tile stack