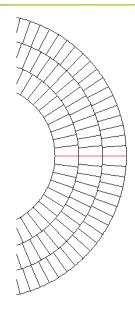
## Modification of GEAR Pad Plane





Stephen Turnbull and me are working on an extension of GEAR for multiple TPC modules.

Current design of the circular pad layout:

- All pads in all rows have the same width (in the middle of the pad row)
- At phi = 0 all pads are aligned symmetrically
- The effective angular pitch is not exactly  $2\pi \frac{padWidth}{circumference}$  but  $2\pi/nPads$ , where  $nPads = \left\lfloor \frac{padWidth}{circumference} \right\rfloor$
- Pad plane is always a full circle

This is not sufficient!

Please let us know what you want to describe so we can consider it when designing the extension!