DIRC model

- TODO list from last meeting:
  - Gaps between bars are essentially ignored.
  - No attention is paid to the `endRadius` parameter - the model believes that all tracks pass completely through the DIRC.
  - Many tracks do not have an entry in the ring dictionary, and thus do not have a number of photons assigned. This behaviour may be correct. (It wasn't. Two things were needed to fix this: First, transform to DIRC coordinates (z along bars, x radially outwards) and second, give bar number in sector range 0-11, not global range 0-143.)
  - Still dependent on BaBar code for the ring dictionary.
- One additional feature added: Model now knows about polar-angle acceptance of DIRC.
- Some new items for the TODO list:
  - Understand Subversion tool and commit to that repository.
  - Smear returned quantities.
  - Change to interface agreed at Friday meeting, using Pac*Trk objects.