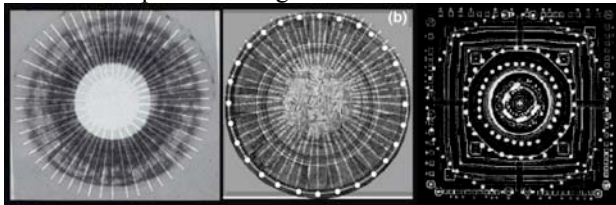


**THE INFLUENCE OF 56 SYNCHROTRON
RADIATING BIRKELAND FILAMENTS FORMED IN
AN ARCHAIC AURORAL SHEATH ON MAN-MADE
STRUCTURES AND ARTIFACTS FOUND
WORLDWIDE**

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Previously we reported a correlation between 56 highly collimated synchrotron light sources from sub-gigaampere auroral currents, as also recorded in intense relativistic particle beams and the dense plasma focus (DPF), to concentric rayed artifacts from antiquity as found in North America¹. For example, we overlaid a Mixtec ceremonial shield (chimalli) onto a DPF penumbra. The chimalli consists of 56 pairs of turquoise inlays in a circular wooden frame with 28 outer holes. On Earth, a plethora of 112, 56, and 28-rayed concentric artifacts are found; ampere's law of attraction pulling the bright plasma filaments together in two's and three's, with quasi-equilibria at 56 and 28 usually ending at 4, as recorded by mankind. These objects, each with the same concentric diameter ratios, range in size from centimeter petroglyphs to large carved granite disks (often thought as 'calendars'). On a larger scale, megaliths of a hundred meters diameter or more were constructed in the Mesolithic, or in the third century, as they are concurrently. The transfer of sacrosanct 'templates' through the millennia is discussed.



Left, DPF with 56 radial lines across the 56-pair filaments. Center, Mixtec, 28 outer holes, 56 lines splitting 112 turquoise pieces. Left. Floorplan of a third century Burma Stupa overlaid with a 56 outer-hole, horse-shoe center, Stonehenge plan (white). The Stupa's 56 outer rectangular pillar edges are seen at the corners.

¹ A. H. Qöyawayma and A. L. Peratt, 'An Intense Auroral Z-Pinch Recorded in Antiquity on Southwestern Artifacts', IEEE Conference Record – Abstracts, Traverse City, MI., 2006.

² A. L. Peratt, IEEE Trans. Plasma Sci. Vol.31, N.6, 2003.

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