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A new spherical pulse compressor working with degenerated "Whispering Gallery" mode

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CLIC is focusing on the Compact Linear Collider. This work is to make an alternative design for CLIC pulse compression scheme. Using a spherical cavity, the new design can offer a higher Q factor compared with a cylindrical cavity. Besides, the use of degenerated "Whispering Gallery" mode makes the mode launcher much smaller.

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