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Demonstration of the Principle of Laser Fusion Rocket

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The poloidal cross-sectional emission profile (right column) is estimated by tomography from the tangential camera image (left column) that observes the visible light ($H\alpha$) throughout the plasma in the spherical tokamak QUEST. By assuming that the $H\alpha$ emission occurs just inside the LCFS, the MHD equilibrium can be calculated from the poloidal cross-sectional emission profile and coil current values.

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