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## FLASHForward: Plasma wakefield accelerator science for high average power applications

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FLASHForward is a beam-driven plasma-wakefield research facility at DESY (Hamburg, Germany), aiming at the stable generation and acceleration of electron beams of several GeV with small energy spread and emittance. High-quality GeV-, nC-class electron beams from the free-electron laser FLASH will act as the wake driver. The experimental setup will allow for studies of external injection as well as density-downramp-assisted internal injection. First experimentation at the FLASHForward facility began in earnest in the summer of 2018 with first results published earlier this year. Over the course of the last year many exciting experimental studies have been performed, aided by the exquisite stability, feedback, and repetition rate of the FLASH machine. This contribution will outline progress made at the FLASHForward facility during this time as well as an outlook to the unique high average-power functionality planned for the future.

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