type time CEP FIELD In the following, a general format for the input file of MITHRA is presented. The red icons or groups can be repeated in the text. string denotes a string of characters. The reference directory in the path locations is the path where the simulation is started. In other int stands for an integer number, real represents a real value, and real, real, real) > = < (real, real, real) > = < (real, real, real) > < (real, real, real) > < (real, real, real) > = < real between 0 and 1 > real) real) = < uniform | gaussian > real, real, real) < (int, int, int) > words, "./" points to the location where the project is called. = < true | false > (real, real, = < (real, real,</pre> FEMTOSECOND ATTOSECOND > MILLISECOND MICROSECOND = < NSFD | FD > NANOSECOND 3D-crystal NANOMETER | DECIMETER | CENTIMETER MILLIMETER PICOSECOND ellipsoid | MICROMETER ANGSTROM > SECOND | < manual | = < 1 | 2 > METER = < string> = < real > = < real > file > real | = < real > longitudinal-truncation = < real > = < int > transverse-truncation number-of-particles mesh-truncation-order bunch-initialization lattice-constants bunching-factor bunch-time-start sigma-position sigma-momentum mesh-resolution bunch-time-step distribution length-scale mesh-lengths space-charge mesh-center direction total-time time-scale position numbers charge gamma file solver beta

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