

Status of the IASA RaceTrack Microtron Facility:
the 10 MeV CW injector linac – Future plans

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As construction of the main IASA building already started, the highlights of the design of the 240 MeV two-stage cascade CW RaceTrack Microtron of the Institute of Accelerating Systems and Applications (IASA) in Athens - Greece is presented. The status of the 10 MeV, room temperature, injector is presented. This injector, now housed in a smaller building, is composed by a 5 MeV injector linac with RF structures of the side-couple type, followed by a 4m-booster section. This system will provide a realistic test facility for all subsystems (power station, klystron, wave-guiding, cooling, control, diagnostics, interlock and safety system), with the exception of recirculations of the IASA cascade RTM facility. It is envisioned that its beams will be used for applied physics research. A brief description of the full future installation will be presented.