

Abstract Submitted
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Fabrication Phase of the Ignitor Program* S. MANTOVANI, IGNIS,
P. FROSI, G. RAMOGIDA, ENEA, B. COPPI, MIT — The fabrication phase of
the complete Ignitor machine has started by identifying at first the main industrial
groups that have the capabilities to construct the main components of the machine.
The “translation” of the drawings of the detailed design into fabrication drawings
has been undertaken reconsidering the results of the structural analysis that has
been carried out for all the machine elements. A special attention is being devoted
to the robotic systems that have to be able to perform different functions during
the final assembly of the machine and for its operation. The management structure
necessary to carry out the entire fabrication effort has been established. The Italian
Space Agency (A.S.I.) has been charged with the task of administrating the funds
allocated for the construction of the core of the machine by the Italian government.
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