



Contribution ID: 649

Type: **Poster**

FTP/P1-34: Overview and Status of the Linear IFMIF Prototype Accelerator

Tuesday 9 October 2012 08:30 (4 hours)

Under the framework of the Broader Approach (BA) Agreement, the Linear IFMIF Prototype Accelerator (LIPAc) has been launched with the objective to validate the low energy part (9 MeV) of the two IFMIF linacs (40 MeV, 125 mA of D⁺ beam in continuous wave). Starting in mid-2007, the project is managed by two Home Teams (JA-HT and EU-HT) and coordinated by the Project Team at the BA site in Rokkasho with the aim to complete the validation activity with the commissioning and operating the whole LIPAc by June 2017.

This paper describes the activities underway with a view to the arrival of the first components in Rokkasho at the beginning of 2013, following prior testing in Europe.

Country or International Organization of Primary Author

EU

Collaboration (if applicable, e.g., International Tokamak Physics Activities)

IFMIF/EVEDA LIPAc Project

Author: Mr CARA, Philippe (EU)

Co-authors: Mr FACCO, Alberto (INFN); Mr PISENT, Andrea (INFN); Ms BRANAS, Beatriz (CIEMAT); Mr VERMARE, Christophe (IFMIF/EVEDA); Ms OLIVER, Concepcion (CIEMAT); Mr VANDEPLASSCHE, Dirk (SCK-CEN); Mr GEX, Dominique (F4E); Ms ORSINI, Fabienne (CEA); Mr PRUNERI, Giuseppe (IFMIF/EVEDA); Mr TAKAHASHI, Hiroki (JAEA); Mr SUZUKI, Hiromitsu (JAEA); Mr MATSUMOTO, Hiroshi (IFMIF/EVEDA); Mr SHIDARA, Hiroyuki (IFMIF/EVEDA); PODADERA, Ivan (CIEMAT); Mr MARRONCLE, Jacques (CEA); Mr GOURNAY, Jean-Francois (CEA); Mr MOLLA, Joaquin (CIEMAT); Mr CARMONA, Jose-Miguel (CIEMAT); Mr KNASTER, Juan (IFMIF/EVEDA); Mr SHINTO, Katsuhiko (JAEA); Mr SUGIMOTO, Masayoshi (JAEA); Mr DESMONS, Michel (CEA); Mr COMUNIAN, Michele (INFN); Mr BREDY, Philippe (CEA); Mr GASTINEL, Philippe (CEA); Mr NGHIEM, Phu-Anh-Phi (CEA); Mr BEAUVAIS, Pierre-Yves (CEA); Ms MENDEZ, Purificacion (CIEMAT); Mr GOBIN, Raphael (CEA); Mr HEIDINGER, Roland (F4E); Mr CHEL, Stephane (CEA); Mr MAEBARA, Sunao (JAEA); Mr MASSAUT, Vincent (SCK-CEN)

Presenter: Mr CARA, Philippe (EU)

Session Classification: Poster: P1

Track Classification: FTP - Fusion Technology and Power Plant Design