







ThalesAlenia A Trates / Provinces Rea Content Space	14° SPINE MEETING EPDP onboard SMART-1
Sw tool for data post-processing: -Langmuir probe analysis: basic Langmuir thory with corrections for ion models -RPA data analysis and energy spectra derivation	Sw tool for data retrieving and first visualisation -science and H/K data extraction translation & calibration -data I/F formatting for SW analysis tool
- database functions	
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А таки / Promocarios Dorbany Space	Conclusions
 EPDP instrument has demo plasma parameters close to and/or active plasma gener 	onstrated to be a powerful tool for investigating local o S/C expecially in presence of Electric thrusters ators
 EPDP design experience st consolidated heritage even needs. 	arted since ARTEMIS mission and has now a if it has been tailored each time to specific program
 Activities are on-going for th used. 	he LISA PF mission where FEEP thrusters will be
 Foreseen activities are experimentation modular and versatile instru- SMALL GEO, Alphabus/Alp 	ected in the frame of the development of a more iment called m-EPDP for next missions such as hasat, Proba-3 and possibly BEPI COLOMBO.
 Possible improvements are monitoring expecially for low 	also considered for environmental plasma v orbit such as LEO and LEO POLAR ones.
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