

HERSCHEL PRE-LAUNCH DATA PROCESSING WORKSHOP
ESAC, Madrid, Spain

4-5 DECEMBER 2008

AGENDA

Thursday, 4 December 2008

08:30 Bus Hotel Florida Norte – ESAC

09:00 Arrival at ESAC and registration

SESSION 1: Introduction

09:20 Welcome address and logistics (*G.Pilbratt/P.García-Lario*)

09:30 Herschel DP: status and plans: development point of view (*S.Ott*)

10:00 Herschel DP: status and plans: user point of view (*B. Merín*)

10:30 Coffee break

SESSION 2: Getting Started

11:00 Installing HIPE (*M. Kidger*)

11:20 An introduction to the HIPE GUI and the philosophy behind (*B. Merín*)

11:50 On-line help and DP documentation (*A. Marston*)

12:10 Getting data from the Herschel Science Archive (*E. Verdugo*)

SESSION 3A: Herschel Pipelines and Data Products

12:45 Description of HIFI pipelines (concept, status and plans) and HIFI data products (*A. Boogert*)

13:30 Lunch at ESAC Canteen

Splinter A: (Room B3)

14:45 Description of SPIRE photometry pipelines (concept, status and plans) and SPIRE photometry data products (*P. Panuzzo*)

15:30 Description of PACS photometry pipelines (concept, status and plans) and PACS photometry data products (*P. Popesso*)

Splinter B: (Room B5)

14:45 Description of PACS spectroscopy pipelines (concept, status and plans) and PACS spectroscopy data products (*A. Contursi*)

15:30 Description of SPIRE spectroscopy pipelines (concept, status and plans) and SPIRE spectroscopy data products (*E. Polehampton*)

16:15 Coffee Break

SESSION 3B: Herschel Pipeline Demos

Splinter A: (Room B3)

16:45 PACS scan mapping (*B. Altieri*)

17:30 SPIRE scan mapping (*P. Panuzzo*)

Splinter B: (Room B3)

16:45 HIFI dual beam switch + sideband deconvolution (*C. McCoe / S. Lord*)

17:30 PACS line spectroscopy (*R. Vavrek*)

17:55 SPIRE point source spectroscopy (*E. Polehampton*)

18:30 Bus ESAC – Hotel Florida Norte

Friday, 5 December 2008

08:30 Bus Hotel Florida Norte – ESAC

09:00 Arrival at ESAC

SESSION 4: Interactive Data Analysis Tools

09:15 Visualisation and manipulation tools for spectra: Spectral Analysis Toolbox (*R. Shipman*)

09:45 Visualisation and manipulation tools for images: Image Analysis Toolbox (*S. Regibo*)

10:15 Visualisation and manipulation tools for cubes: Spectral Cube Toolbox (*A. Gueguen*)

10:45 TablePlotter/OverPlotter tool (*B. Schulz*)

11:00 Coffee Break

11:30 Point Source Extraction Tool (*A. Smith*)

SESSION 5: Data import/export

11:50 Importing non-Herschel data into HIPE and exporting Herschel data to non-Herschel applications (*D. Ardila*)

SESSION 6: Contributing to Herschel / Feedback from Users

12:30 How to contribute to Herschel with software and data (*A. Heras*)

12:50 Open Discussion: "Feedback of user needs", moderated by P. García-Lario

13:30 End of Workshop and Lunch at ESAC Canteen

15:00 Bus 1: ESAC – Madrid Airport / Bus 2: ESAC – Hotel Florida Norte