



The Herschel Data Processing Users Group

Herschel SDP DP Workshop
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Herschel Science Centre

HERSCHEL SPACE
OBSERVATORY





Data Processing Users Group (DPUG)

- The DPUG is an advisory group to the HIPE development team
- Goals:
 - To assist in the definition of the HIPE scope for all users
 - To provide requirements on functionality, system usage, commonality, user friendliness
 - Advise on priorities
- Activities of the group started in October 2004
- Meetings take place 4-5 per year
- Initially users have been calibration scientists in ICCs and HSC
- Transition to phase with great majority of external users ⇒

DPUG composition needs to reflect this





DPUG members

Currently:

- HSC: *B. Merín*, E. Verdugo, A.M. Heras
- NHSC: P. Morris, D. Ardila
- PACS: A. Contursi (MPE), R. Vavrek (HSC)
- SPIRE: M. Vaccari (Univ. Padova), I. Valtchanov (HSC)
- HIFI: E. Caux (CESR)
- Mission scientist: P. Harvey (Univ. Texas)
- Observers: S. Ott (HSC), C. Borys (NHSC)

Next: + *Representatives of the astronomical community per area of expertise*





DP Interest Groups

- **DP Interest of Focus groups on specific data reduction areas:**
 - PACS photometry
 - SPIRE photometry
 - PACS spectroscopy
 - **SPIRE spectroscopy (K. Isaak)**
 - HIFI Point sources and spectral scan
 - Large maps and point source extraction for PACS and SPIRE
 - **Spectral maps for PACS, SPIRE and HIFI (G. Quintana)**
- **B. Merín will give more details in next talk**
- **On 12 November a letter was sent to the KP PIs and DP contact points:**
 - Proposing the creation of the DP Interest groups
 - Asking for volunteers to chair these groups (green= chair identified)



DP Interest groups chairs

- **DP Interest group chairs represent the DP Interest Group in the DPUG**
 - Gather feedback from the DP Interest group and pass it to DPUG
 - Participate in meetings (videocon or telecon also possible)

- **DP Interest Groups input to DPUG:**
 - Data reduction issues in HIPE
 - Problems
 - Request of functionality
 - General data reduction problems not solved by delivered S/W
 - Solutions found or applied, also in other languages/systems ⇨ Useful for a larger community