# PDS Review
# Rosetta/GIADA

# Summary

- CODMAC Level 2/3 Data

- 2 data sets:

  - Prelanding 67P Raw/Calibrated Data
    (21st January 2014 until the 20th November 2014)

  - Comet Escort Phase 1 Data
    (21st November 2014 until the 10th March 2015)

- Data products are consistent

- Very good documentation

# Processing Level

- CODMAC Level 3 data include:

  - Data for single grains detected by IS, IS + GDS

    - size, speed, momentum,..

# Data Products

- Managed to read all tables

- Most valuable for users: <phys> data

```
IDL> pds_giadaShowPhysData
2014-326/00:02:08  v(GDS):  0.0km/s  v(IS):  0.0km/s m:       0.0kg
2014-333/23:00:40  v(GDS):  0.0km/s  v(IS):  0.0km/s m:       0.0kg
2014-334/00:22:17  v(GDS):  3.2km/s  v(IS):  3.2km/s m:  9.2E-08kg
2014-334/11:32:20  v(GDS):  4.8km/s  v(IS):  4.8km/s m:  4.0E-08kg
2014-334/11:39:56  v(GDS):  0.0km/s  v(IS):  0.0km/s m:       0.0kg
2014-335/10:28:54  v(GDS):  0.0km/s  v(IS):  0.0km/s m:       0.0kg
2014-336/05:46:23  v(GDS):  5.2km/s  v(IS):  5.2km/s m:  3.9E-08kg
2014-336/06:48:44  v(GDS):  2.7km/s  v(IS):  2.7km/s m:  6.0E-08kg
2014-336/14:00:09  v(GDS):  1.9km/s  v(IS):  1.9km/s m:  4.3E-08kg
2014-336/14:34:36  v(GDS):  0.0km/s  v(IS):  0.0km/s m:       0.0kg
2014-337/11:38:13  v(GDS):  4.1km/s  v(IS):  4.1km/s m:  3.3E-08kg
2014-337/22:23:42  v(GDS):  1.2km/s  v(IS):  1.2km/s m:  1.7E-07kg
2014-341/12:39:47  v(GDS):  0.6km/s  v(IS):  0.6km/s m:  1.4E-07kg
2014-342/18:31:31  v(GDS):  6.2km/s  v(IS):  6.2km/s m:  3.1E-08kg
2014-342/18:44:10  v(GDS):  0.0km/s  v(IS):  0.0km/s m:       0.0kg
2014-342/18:55:51  v(GDS):  4.3km/s  v(IS):  4.3km/s m:  6.0E-08kg
2014-344/07:08:33  v(GDS):  0.0km/s  v(IS):  0.0km/s m:       0.0kg
2014-344/18:54:08  v(GDS):  4.9km/s  v(IS):  4.9km/s m:  4.4E-08kg
```

# Minor Issues

- Archive has an "Planetary Science Archive Interface Control Document", which is basically the counterpart to PDS's SIS

  - I think that the document should be named SIS in PDS deliveries

- in PSA ICD: the "PHYS DATA" data set is called "PHYS"