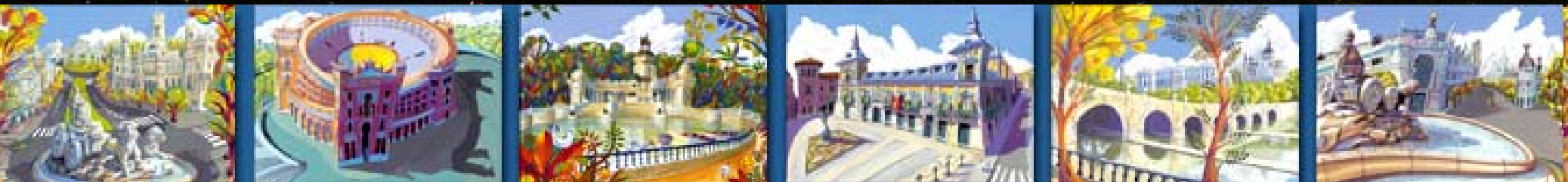


PV 2009

Ensuring Long Term Preservation
and Adding Value to Scientific and Technical Data

ESAC, 1-3 December 2009

<http://www.sciops.esa.int/index.php?project=CONFERENCE&page=pv2009>





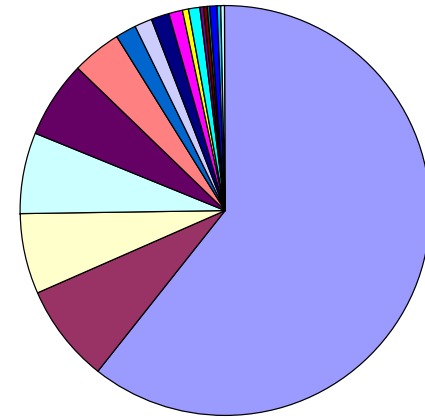
- 1978 : VILSPA, opening of ESA Villafranca Satellite Tracking Station, support to IUE
- 1995 : ISO launch and ISO Mission and Science Operations Centres
- 1999 : XMM-Newton launch and Science Operations Centre
- **2004 : VILSPA became ESAC reflecting extension of activities**

- **2009 : ESAC main activities**
 - Science Operations Centres (SOC) for astronomy and planetary missions
 - Science Archives and Virtual Observatory
 - Earth Obs. SMOS Spanish National Centre
 - Satellite Tracking Station



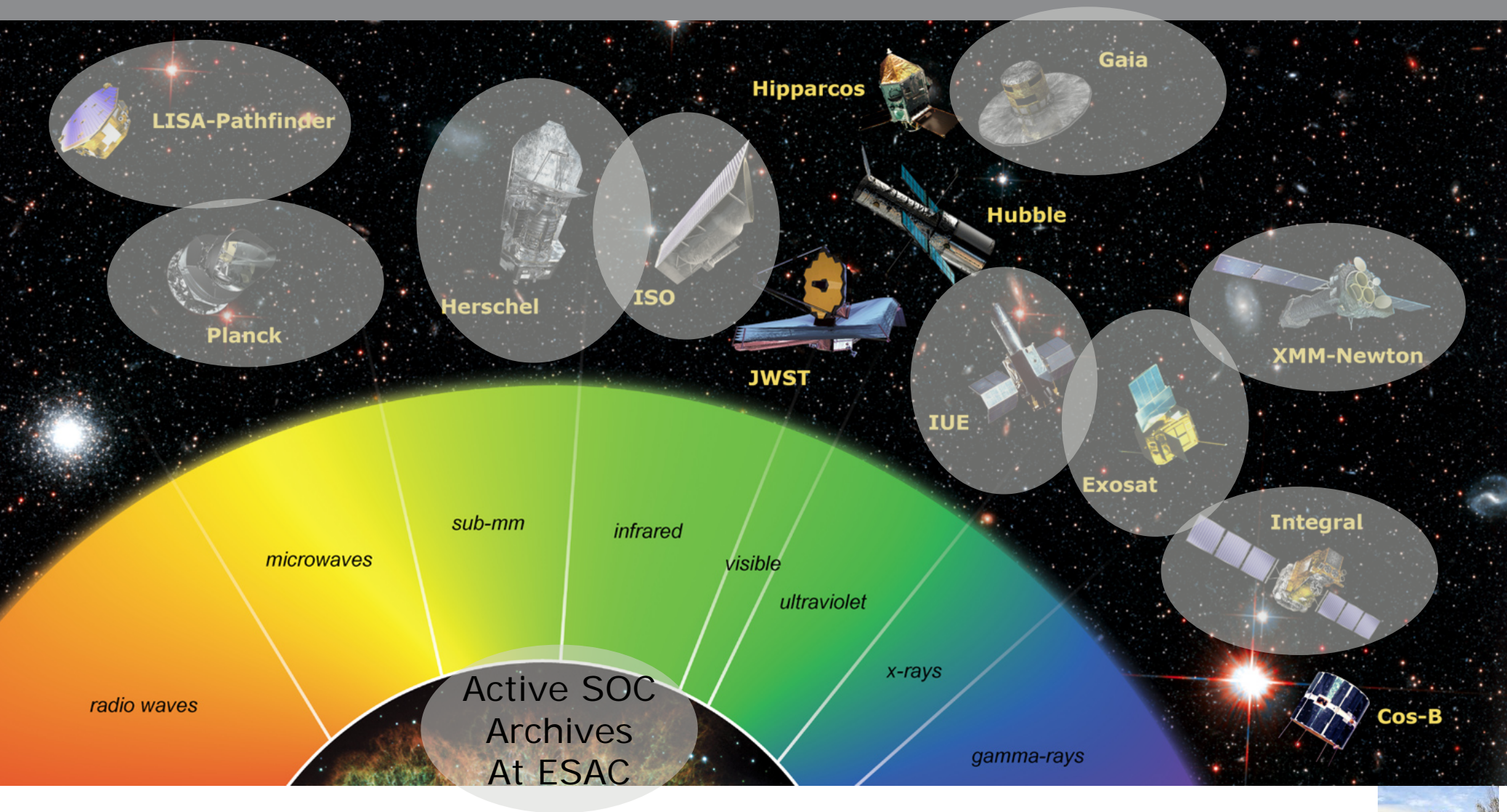


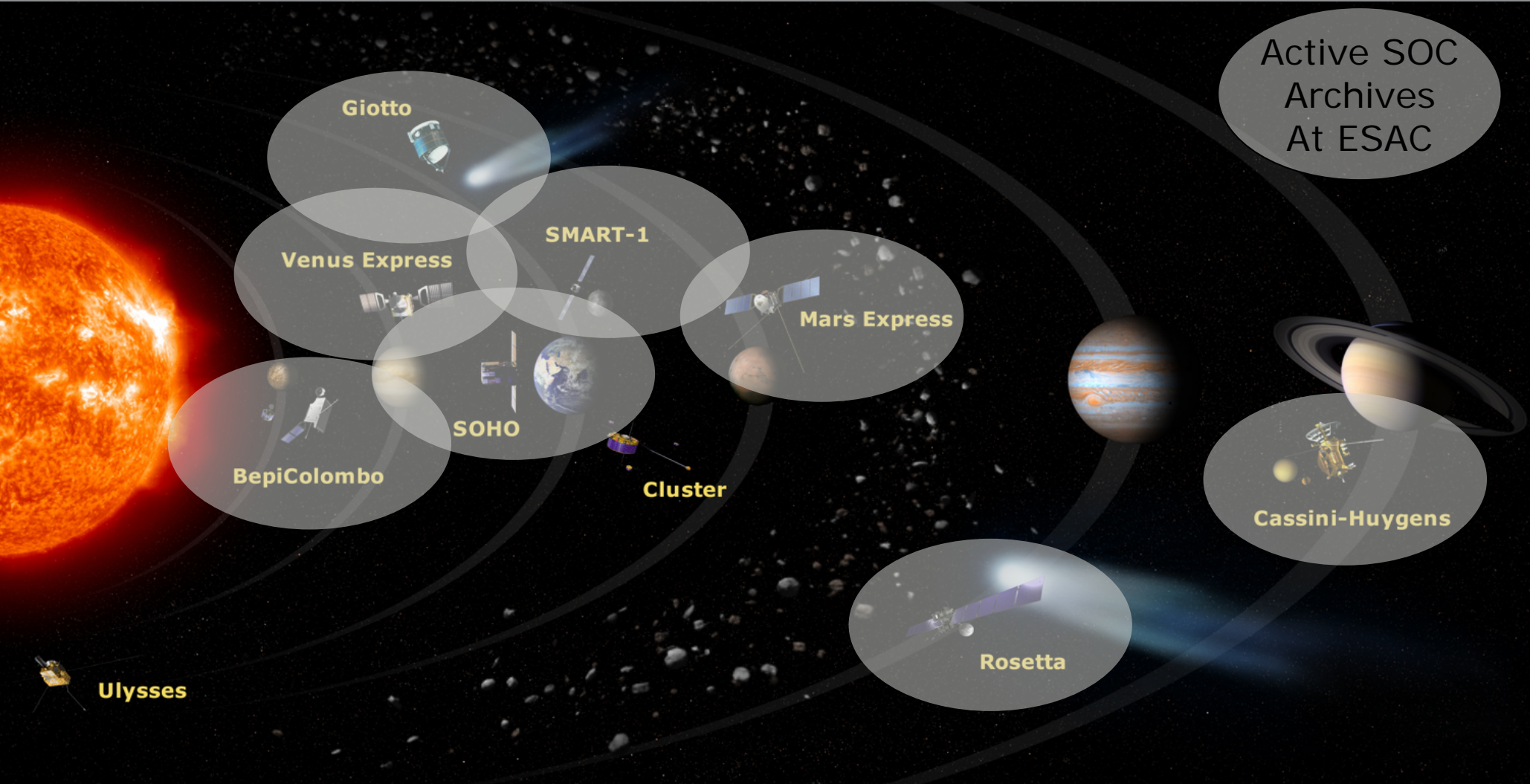
ESAC Nationality Distribution
(~300 people)

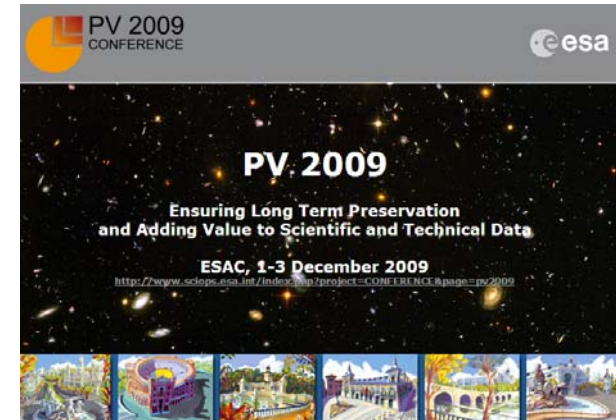
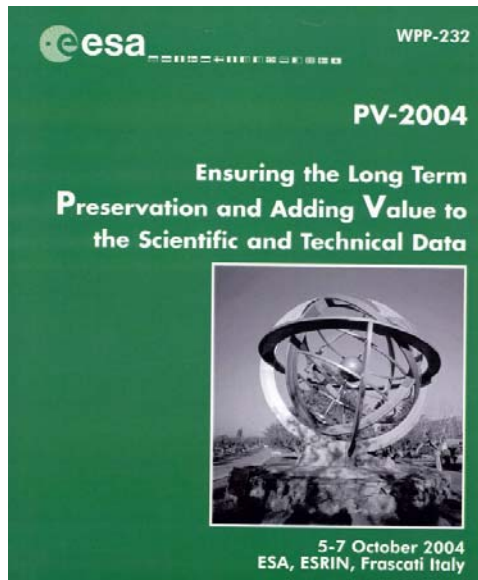
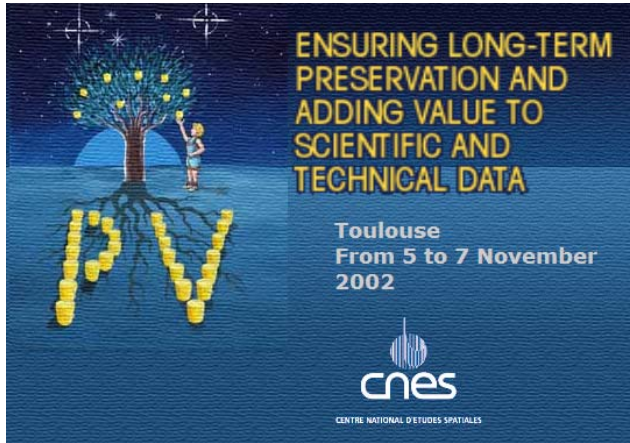


Spain	176
UK	22
Italy	19
France	18
Germany	18
The Netherlands	11
Belgium	5
Ireland	4
Portugal	4
Canada	3
Norway	2
USA	2
Austria	1
Brazil	1
Bulgaria	1
Greece	1
Sweden	1
Switzerland	1









Scientific and Technical Data are more than *JBOD (Just a Bunch Of Disks)* !

- How to organize, to curate and to describe all this data?
- How to keep this information easily accessible and useful for the future?
- How to bring added value to this data?
- What are the tools and applications enhancing its use and usefulness?
- How to share data easily and make it interoperable?
- What are the current modern techniques used to reach these goals?
- What will be the future ones?
- What are the lessons learnt from experience?
- How to put them in practice in the future?



Scientific and Technical Data are more than *JBOD (Just Bunch Of Disks) !*

4 main themes of PV conference:

1. Ensuring long-term data preservation
2. Adding value to data
3. Lessons learnt
4. Future prospects

PV2009:
37 talks
8 posters

- How to organize, to curate and to describe
- How to keep this information
- How to
- What
- How to
- What are
- What will
- What are the
- How to put t



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Standards, Reference Model

System Architectures

Data Management Systems

Interoperability

Catalogue Interfaces

Data Access, Information Mining

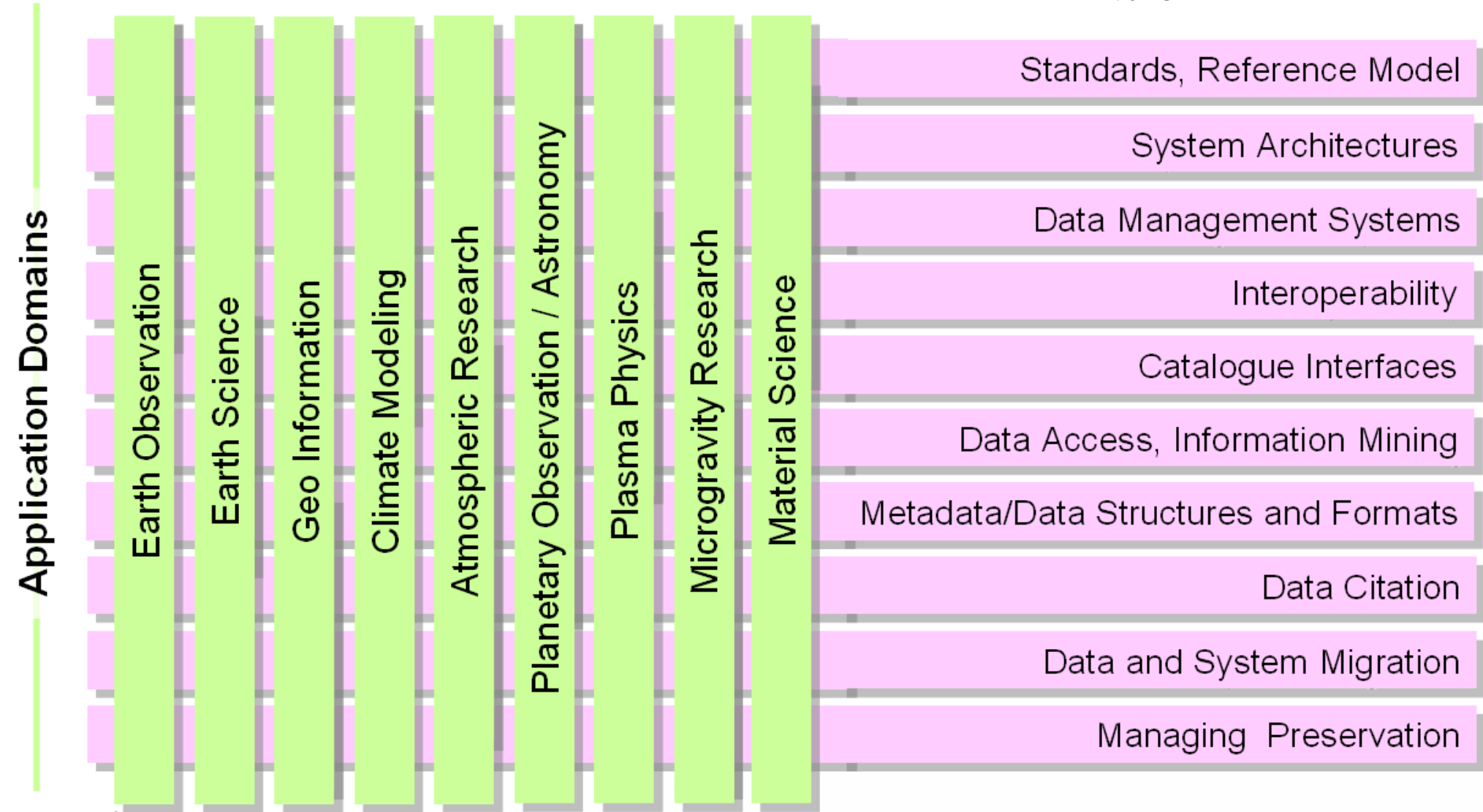
Metadata/Data Structures and Formats

Data Citation

Data and System Migration

Managing Preservation

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- Bus Transportation
 - Tuesday 08:15 – return 20:00
 - Wednesday 08:30 – return 18:30
 - Thursday 08:15 – return to airport 16:45
- If you need taxi, please contact registration desk or pv2009@sciops.esa.int

- Coffee breaks will be served in Hall Building B
- Lunches at the canteen 13:30 – 14:45
 - Show your conference badge
- Tuesday 01/12 welcome reception at the canteen (18:30 – 20:00)

- Conference Dinner @ Posada de la Villa, Madrid
 - Wednesday 02/12 21:00
 - Nice 20' walk from hotel Principe Pio



- Conference picture on Wednesday 02/12 13:20, just before lunch



- Oral Presentations are 25' long
 - 20' talk + 5' questions/answers
 - Please send your presentation to pv2009@sciops.esa.int well before the start of the session
 - Please keep the time as we have a tight schedule

- We are living in the digital era
 - Abstracts and Papers are on the PV2009 USB key
 - Presentations and Papers will be published on the PV2009 web site
 - Abstracts printed “book” on demand at the reception desk or through pv2009@sciops.esa.int

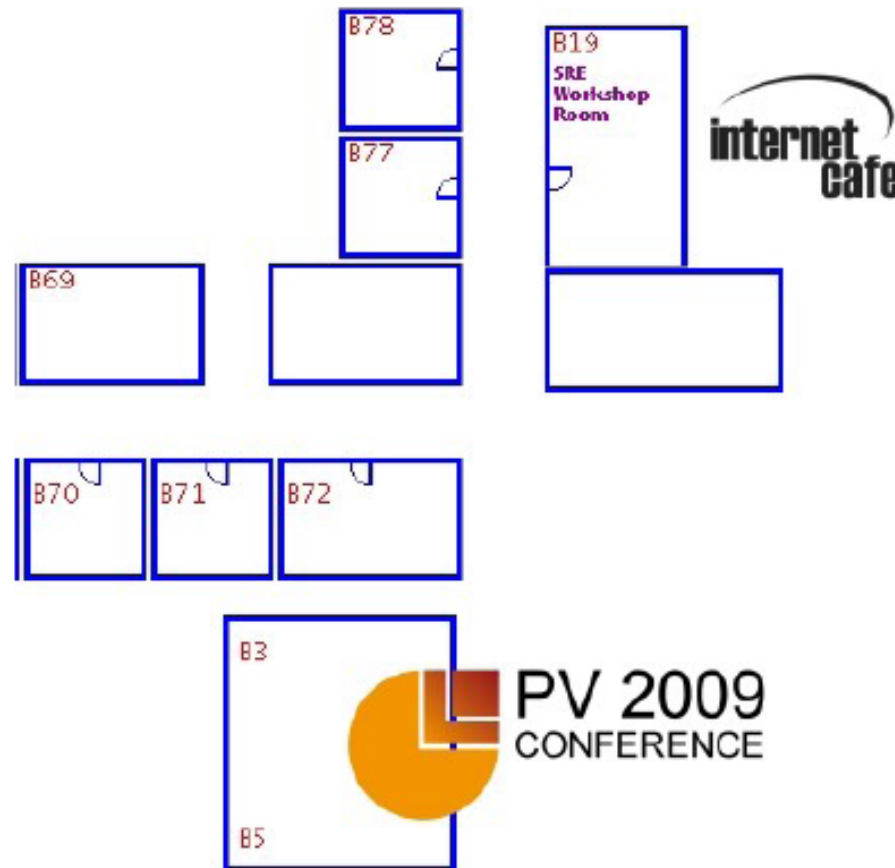


➤ WIFI Access

- SSID: esa-conference
- Not broadcasted
- No password needed

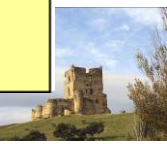
➤ Internet "Café"

- B19 Room
- User: pv2009
- Password: pv2009



POSTERS DISPLAYED THROUGH THE CONFERENCE

BECCATI Alan	MEEO	ASQuLD: an Advanced Semantic Query System for Large Satellite Database
DAMEN David	Space Applications Services	Creating Topic Maps Ontologies for Space Experiments
GIARETTA David	STFC	Validation tests for preservation techniques
GRIFFIN Elizabeth	Herzberg Institute of Astrophysics	How Valuable are your Data ?
GUENTSCH Anton	Freie Universitat Berlin	Towards a Data Archiving Infrastructure for Primary Biodiversity Information
MBAYE Stephane	GAEL Consultant	Data Request Broker - DRB Cortex Extension - An Ontology based mechanism for classfying data types
POTTIER Claire	CNES	SIPAD-NG: a generic system for accessing scientific data Application to oceanography products
RITSCHHEL Bernd	GFZ Potsdam	Semantic Web approach for better data integration and data mining at the GFZ ISDC Potsdam



Enjoy PV 2009 !

