

# WP7 Task 6: Photometry Data Model and services

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**ESAVO Team**

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**European Space Agency**

# WP7 Task 6 member list

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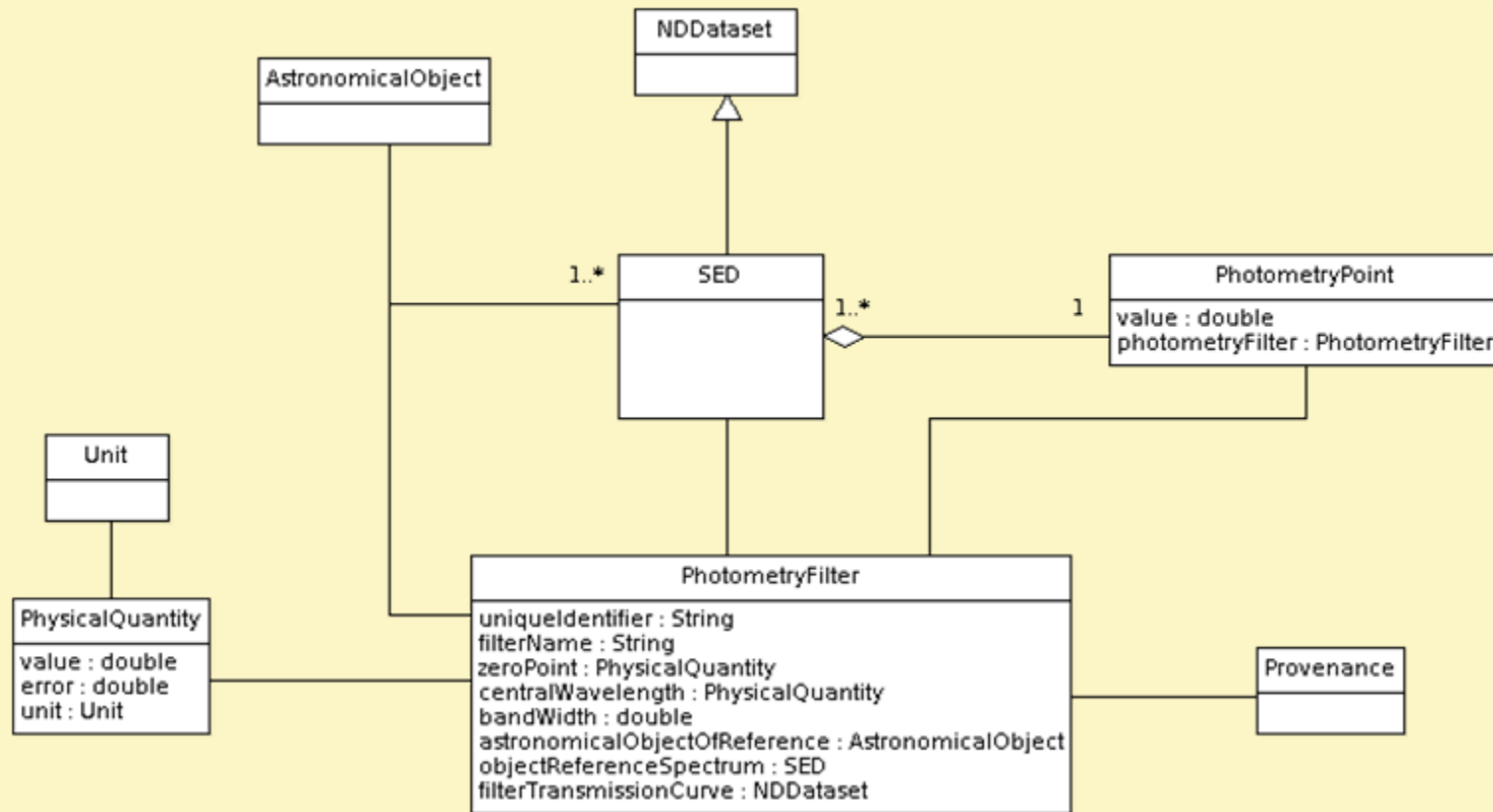
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Including SVO, CNRS/CDS, UEDIN, ESO, INFN and ESAVO

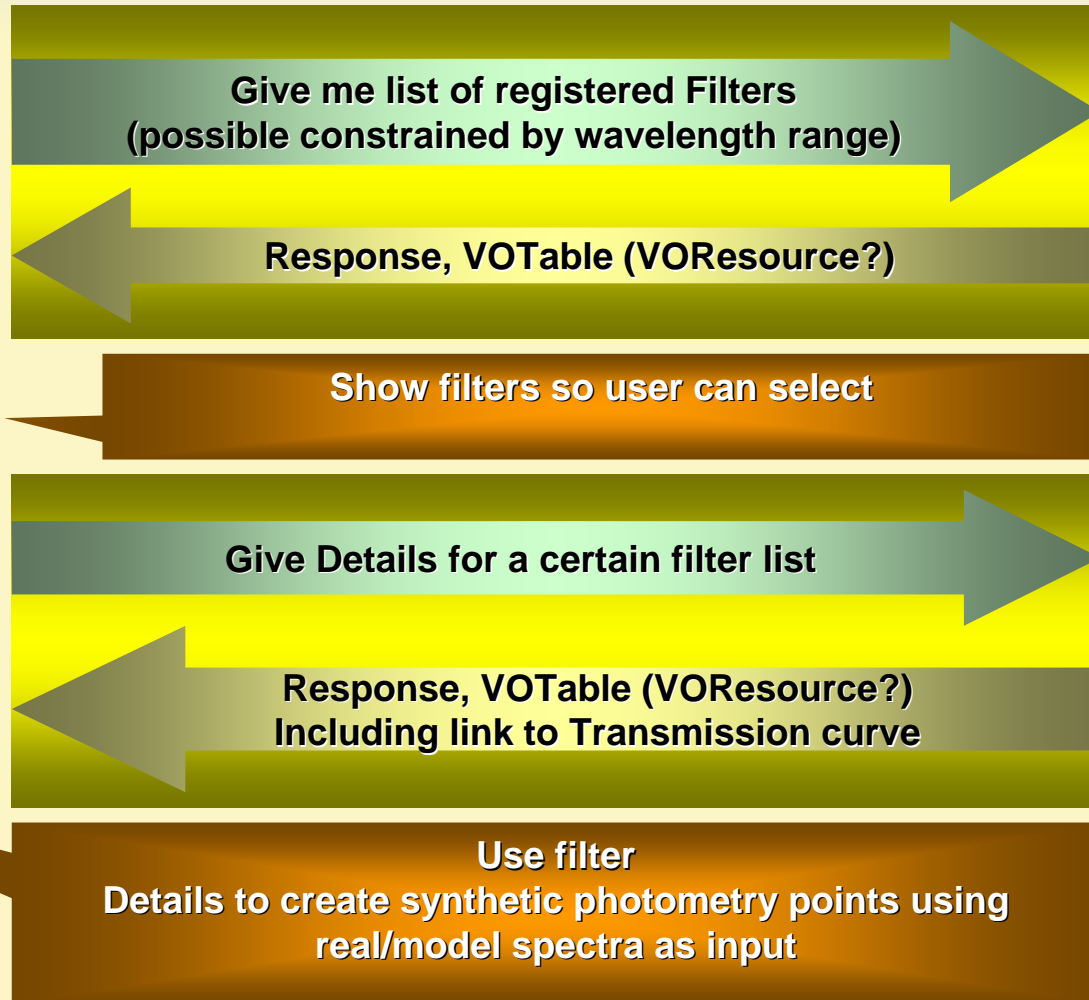
- Carlos Rodrigo - SVO
- Enrique Solano - SVO
- Mireille Louys - CNRS
- Francois Bonnarel - CNRS
- Keith Noddle - UEDIN
- Pepe Longo - INFN
- Alberto Micol - ESO
- Arancha Delgado - ESO/SVO
- Deborah Baines - ESAVO
- Pedro Osuna - ESAVO
- Jesus Salgado - ESAVO

- ❑ Meeting held between SVO/ESAVO members
- ❑ Preliminary Photometry UML Data model produced and distributed to the working list
- ❑ Science use cases distributed to the list
- ❑ Plan of activities developed and distributed
  - Distribution of preliminary Photometry UML for discussion (done)
  - Distribution of science use cases (done)
  - Agreement on DM
  - Creation of Profile Filter Service and interaction with VO applications (ongoing)
  - Creation of Photometry data services and interaction with VO applications

# Photometry DM preliminary DM

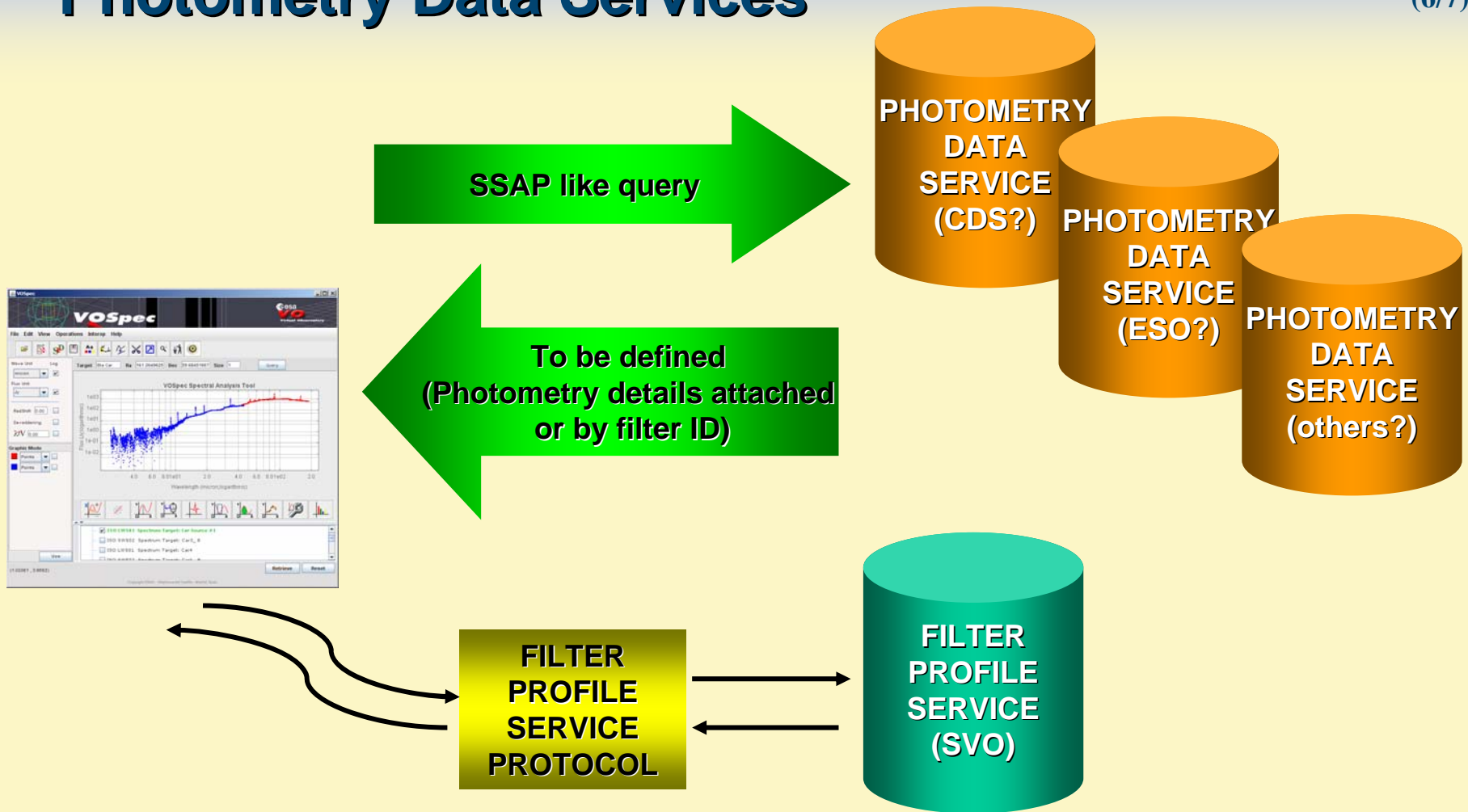


# Photometry use case I: Synthetic Photometry



# Photometry use case II: Photometry Data Services

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- Discussion on Photometry DM. IVOA note? (main goal)
- Definition of Filter Profile service protocol
- Implementation: Server side (SVO) Client side (ESAVO). Others?
- Identify possible actors use case II (CNRS/CDS?, ESO?, Others?)
- Discussion, definition and implementation of use case II