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<b>PP</b>	Restricted to other programme participants (including the Commission Service)	
<b>RE</b>	Restricted to a group specified by the consortium (including the Commission Services)	
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<b>Author (s)</b>	Angelo Pio Rossi, Vincent Génot, Michel Gangloff

**Abstract:** Three tutorial sessions for final users were planned for this period. EPSC/DPS in October 2016, EGU and “Planetary Mapping and Virtual Observatory” workshop in April 2017.

## Introduction

VESPA Training sessions for users, complementing those for data producers (through AO and within beneficiaries) are planned and carried out for two major scientific conferences with relevant Planetary Science presence: the EGU General Assembly and the European Planetary Sciences Congress (EPSC). Both conferences gathered a large fraction of the solar and planetary science community, and thus were particularly well targeted opportunities for such an event. New tutorials were added for these sessions.

Tutorials are available to data producers and general users from both the VESPA web page<sup>1</sup> and the VESPA GitHub specific repository where they are version-controlled<sup>2</sup>. Additional topical workshop-related tutorial materials are also included, such as those related to planetary mapping from a recent NA1-sponsored workshop<sup>3</sup>.

## 1 Summary of the EPSC 2016 VESPA training session

The VESPA training session at the 2016 EPSC Conference was held on Thursday 20th October 2016 in Pasadena (California, USA). It lasted about three hours, with seven attendees mainly from the USA. Several VESPA beneficiaries from Graz (Austria), Paris and Toulouse (France) were present and assisted the participants. After a general presentation of VESPA by Stéphane Erard, Work Package Leader, the attendees worked on several tutorials available on-line, using cases related to different tools (AMDA, TOPCAT, 3Dview), data services from space missions (Mars Express, TNOs...) and more general data services (M4ast, exoplanets...). Attendees were not only interested by the general presentation of the VESPA concepts, but also really wanted practical experience with its use. There was a lot of interesting technical and scientific questions.

An attendee from JPL expressed an interest to assess the VESPA system to develop a service for CASSINI reduced data (this group actually applied to our call for data services and the associated implementation workshop in Graz next April); another planned to implement a service dedicated to Spitzer, Herschel and Small Bodies (this work is being carried on at Goddard space centre from contacts with Heidelberg University). Altogether, this session proved particularly useful and efficient.

## 2 Summary of the EGU 2017 VESPA training session

The VESPA training session at the 2017 EGU General Assembly was held on Tuesday 25th April 2017 in Vienna (Austria). Several VESPA beneficiaries from Graz (Austria), Paris and Toulouse (France) were present. This year, there was only one individual attendee (from the National Astronomical Observatory of China). Baptiste Cecconi presented to him the VESPA project and the choice of related tutorials available during the session. Although interested by the general approach, he did not require a specific tutorial. One lesson learned from this very small attendance is the necessity to better advertise the session during the conference, and to associate it with a regular session focused on VO systems. This was done at EPSC (as an external workshop organized at CalTech the previous Sunday, due to local DPS rules), but not at EGU this year. A possibility for the coming year is to use the EGU training session also as a follow-up to the implementation meeting that take place about two weeks earlier.

## 3 References

VESPA tutorials <https://voparis-confluence.obspm.fr/display/VES/va-t6-tutorials>

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<sup>1</sup> <http://europlanet-vespa.eu/tutos.shtml>

<sup>2</sup> <https://github.com/eprn-vespa/tutorials>

<sup>3</sup> <https://github.com/eprn-vespa/vespamap17-tutorials>