

A VOEvent model for Meteors and TLEs Optical Detections

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Abstract

Atmospheric transient events are subject of observation and investigation of a growing community. Professional as well as amateur observation networks are established in Europe and abroad to collect data important not only for the scientific investigation of some physics processes but also to assess their possible impacts on Earth’s environment. We propose here an implementation of the Virtual Observatory Event standard to the domain of meteors and Transient Luminous Events (TLEs). A well establish standard for real-time alert on those domains will facilitate coordination between networks and make easier the extraction of critical information. Improving collaboration between the amateur community and agencies (eg the ESA Fireball Database, or the CNES Taranis mission).

1. Introduction

[1]

- 1.1. Sub-Section
- 2. An additional section
- 3. Figures

You may use any of the common file types, such as .jpg, .tiff, .pdf, etc. In order to include a figure, please use the LaTeX figure environment as shown in the template.

4. Tables

You will find a sample of an included table below. Please use the LaTeX table environment in order to include a table.

5. Equations

Below, you will find examples of two equations. You should use the LaTeX equation environment to include your equation. The equation number is automatically

Table 1: This is the example of an included table.

Column 1	Column 2	Column 3
Line 1	Line 1	Line 1
Line 2	Line 2	Line 2
Line 3	Line 3	Line 3
Line 4	Line 4	Line 4
Line 5	Line 5	Line 5
Line 6	Line 6	Line 6
Line 7	Line 7	Line 7
Line 8	Line 8	Line 8
Line 9	Line 9	Line 9
Line 10	Line 10	Line 10
Line 11	Line 11	Line 11
Line 12	Line 12	Line 12
Line 13	Line 13	Line 13
Line 14	Line 14	Line 14
Line 15	Line 15	Line 15

placed at the right side of the column. The equations are also consecutively numbered.

$$a^2 + b^2 = c^2 \tag{1}$$

$$E = m \cdot c^2 \tag{2}$$

6. Summary and Conclusions

Acknowledgements

This work benefits from support of VESPA/Europlanet. The Europlanet 2020 Research Infrastructure is funded by the European Union under the Horizon 2020 research and innovation program, grant agreement N.654208. This work is supported by the French Space Agency (CNES) through the satellite mission TARANIS and a Chair of Excellence to S.C from 10/2012 to 09/2017.

References

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- [2] Gangloff, M., André, N., Génot, V., Cecconi, B., Le Sidaner, P., Bouchemit, M., Budnik, E. and Jourdane, N.: Implementation of a Space Weather VOEvent service at IRAP in the frame of Europlanet H2020 PSWS, European Planetary Science Congress, Vol. 11, id. EPSC2017-263, 2017.