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| Book Name: | **Plasmas Afterglows with N2 for Surface Treatments synthesis 2024** |
| Manuscript Number: | **Ms\_BPR\_3686.17** |
| Title of the Manuscript: | **Plasmas Afterglows in 𝐍𝟐 − 𝐎𝟐 Discharges** |
| Type of the Article | **Book chapter** |

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| PART 1: Review Comments | | |
| Compulsory REVISION comments | Reviewer’s comment | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.** |  |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** |  |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. |  |  |
| **Are subsections and structure of the manuscript appropriate?** |  |  |
| **Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.** |  |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** |  |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? |  |  |
| Optional/General comments | The study titled “Plasmas Afterglows in 𝐍𝟐 - 𝐎𝟐 Discharges” is essentially technical in nature and can also be applied to anomalous light phenomena in the atmosphere, a topic still in pioneer stages in science.  The language used by the author(s) is essential but correct.  The study introduces a scientific field that stimulates interdisciplinary research.  The abstract also contains the conclusions of the study, and this should not be part of the mode of scientific communication, especially if there are two equal periods. In addition, more references should be added to give more strength to the study.  The study should be accepted. |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| **Reviewer Details:** | |
| Name: | **Valentino Straser** |
| Department, University & Country | **Brussel** |