

# Certificate for Authorship

To whom it may concern:

I, the undersigned first author of the paper

Multi-band behaviour of the TeV blazar PG1553+113 in optical range on diverse timescales.

Flux and spectral variations

Agarwal, A.; Mihov, B.; Andruchow, I.; Cellone, Sergio A.; Anupama, G. C.; Agrawal, V.; Zola, S.; Slavcheva-Mihova, L.; Özdönmez, Aykut; Ege, Ergün; Raj, Ashish; Mammana, Luis; Zibecchi, L.; Fernández-Lajús, E.

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hereby certify that the co-author Boyko Mihov was a corresponding author and wrote partly or entirely the following sections of the above mentioned paper:

- Section 3.2. **Duty cycle** – *entirely*;
- Section 3.3. **Long-term variability** – *entirely*;
- Section 3.4. **Colour-magnitude diagram** – *entirely*;
- Section 3.5. **The 2019 flare & subsections** – *entirely*;
- Section 3.6. **Search for periodicity** – *entirely*;
- Section 3.7. **Spectral energy distribution** – *partly*, more specifically the section part concerning the spectral energy distribution fitting;
- Section 4.2. **The 2019 flare & subsections** – *entirely*;
- Section 4.3. **Periodicity analysis** – *entirely*;
- Appendix B: **Historical light curves** – *entirely*.

Sincerely,

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