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**JAŠA ČALOGVIĆ** was born in Zagreb, Croatia. He graduated in Environmental Sciences (MSc ETH) at [Swiss Federal Institute of Technology \(ETH Zürich\)](#) in 2005 with the specialization in the field of Physics and Atmosphere. After graduating, he was employed until 2006 as the research assistant at the

[Physics Institute, University of Berne](#)

researching the effect of cosmic rays on the cloud cover. At the end of 2006 he moves to Zagreb, being engaged on the different education projects at

[Zagreb Observatory](#)

. From the end of 2007 he is employed as the research assistant at Hvar Observatory, Faculty of Geodesy (University of Zagreb, Croatia) on the project “Eruptive processes in the solar atmosphere”. He was active researcher within the EU FP7 projects

[SOTERIA](#)

, [COMESSEP](#)

, [eHEROES](#)

, [SOLARNET](#)

, COST

[ES1005 \(TOSCA\)](#)

action,

[HRZZ](#)

project

[SOLSTEL](#)

and

[ESF](#)

project

[PoKRet](#)

. He is also a member of the

[Croatian Astronomical Society](#)

and

[International Astronomical Union \(IAU\)](#)

. In 2009 was elected as the national coordinator for the International [Year of Astronomy 2009](#)

. In 2006 received 2nd prize poster award at “Research at Jungfrauoch – Top of Science” conference (11.-14.9.2006). The paper: Čalogović at. al. 2010, “

[Sudden cosmic ray decreases: No change of global cloud cover](#)

” was ranked as “the most popular article” of all AGU journals in February 2010 on the [AGU website](#)

. He was a referee for

[Geophysical Research Letters](#)

,

[Journal of Geophysical Research](#)

and

[International Journal of Climatology](#)

. In 2011 he received Editor's Citation for Excellence in Refereeing for

[Geophysical Research Letters](#)

. He received his PhD (“

[Influence of solar activity on Earth's space environment and climate](#)

”) in geophysics at

[Faculty of Science, University of Zagreb](#)

in 2014.

### List of publications:

• Piantschitsch, I., Vršnak, B., Hanslmeier, A., Lemmerer, B., Veronig, A., Hernandez-Perez, A., Čalogović, J. (2018): Numerical Simulation of Coronal Waves Interacting with Coronal Holes. III. Dependence on Initial Amplitude of the Incoming Wave, *The Astrophysical Journal*, **860**, 24, doi: 10.3847/1538-4357/aabe7f.

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[&gt;&gt; link to publication](#)

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• Piantschitsch, I., Vršnak, B., Hanslmeier, A., Lemmerer, B., Veronig, A., Hernandez-Perez, A., Čalogović, J., Žic, T. (2017): A Numerical Simulation of Coronal Waves Interacting with Coronal Holes. I. Basic Features, *The Astrophysical Journal*, **850**, 1, doi:10.3847/1538-4357/aa8cc9. [&gt;&gt; link to publication](#)

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• Vršnak, B., Dumbović, M., Čalogović, J., Verbanac, G., Poljančič-Beljan, I. (2017), Geomagnetic effects of Corotating Interaction Regions", *Sol. Phys.*, **292**, 140, doi: 10.1007/s11207-017-1165-5.

[&gt;&gt; link to publication](#)

• Vršnak, B., Temmer, M., Žic, T., Dumbović, M., Čalogović J. (2016), Forecasting the Arrival of Coronal Mass Ejections: The Drag-Based Model, *ASP Conf. Series*, 504, 209-210. [&gt;&gt; link to publication](#)

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• Dumbović, M., Vršnak, B. and Čalogović J. (2016), Forbush decrease prediction based on the remote solar observations, *Sol. Phys.*, 291, pp 285-302. doi: 10.1007/s11207-015-0819-4. [&gt;&gt; link to publication](#)

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• Čalogović, J. and Laken, B. (2015), Reflections on the late Cosmoclimateology, *Cent. Eur. Astrophys. Bull.*

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• Laken, B. and Čalogović, J., (2013), Does the diurnal temperature range response to changes in the cosmic ray flux?, *Environ. Res. Lett.* **8**, 045018, doi: 10.1088/1748-9326/8/4/045018 [&gt;&gt; link to publication](#)

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• Hanslmeier, A., Brajša, R., Čalogović, J., Vršnak, B., Ruždjak, D., Steinhilber, F., MacLeod, C.L., Ivezić, Ž. and Skokić I. (2013), The chaotic solar cycle - II. Analysis of cosmogenic <sup>10</sup>Be-data, *A&A*, 550, (A6). [&gt;&gt; link to publication](#)

• Laken, B. A., E. Pallé, Čalogović J. and Dunne M. E. (2012), A cosmic ray-climate link and cloud observations, *J. Space Weather Space Clim.*, **2**, A18, doi: 10.1051/swsc/2012018. [&gt;&gt; link to publication](#)

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- Vršnak B., Žic T., Vrbanec D., Temmer M., Rollett T., Möstl C., Veronig A., Čalogović J., Dumbović M. and Lulić S. et al. (2012), Propagation of Interplanetary Coronal Mass Ejections: The Drag-Based Model, *Solar Phys.*, **285**, pp295-315, doi: 10.1007/s11207-012-0035-4. [&gt;&gt; link to publication](#)
- Laken, B., Čalogović, J., Beer, J. and Palle, E. (2012), Interactive comment on “Effects of cosmic ray decreases on cloud microphysics” by J. Svensmark et al., *Atmos. Chem. Phys.*, **12**, C962-C973. [&gt;&gt; link to publication](#)
- Laken, A. B. and Čalogović, J. (2011), Solar irradiance, cosmic rays and cloudiness over daily timescales, *Geophys. Res. Lett.*, **38**, L24811, doi:10.1029/2011GL049764. [&gt;&gt; link to publication](#)
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