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Zvanje:

Poslijedoktorand

Soba:

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JAŠA ČALOGVIĆ (Zagreb), dipl. ing. ekologije. Diplomirao je ekologiju na Saveznoj Visokoj Tehničkoj Školi u Zürichu ([ETH Zürich](#)) sa specijalizacijom u području fizike i atmosfere. Nakon studija (2005.-2006.) radi kao znanstveni suradnik na Institutu za Fiziku Sveučilišta u Bernu ([Physik alisches Institut, Universität Bern](#)) sa svrhom studija utjecaja kozmičkoga zračenja na naoblaku. Krajem 2006. seli u Zagreb gdje radi kao suradnik

[Zagrebačke Zvezdarnice](#)

na različitim edukacijskim projektima. Od 2007. godine djelatnik je Opservatorija Hvar (Geodetski Fakultet, Zagreb) gdje radi kao znanstveni novak na projektu „

[Eruptivni procesi u Sunčevoj atmosferi](#)

“. Aktivni je istraživač na EU FP7 projektima

[SOTERIA](#)

,
[COMESSEP](#)

,
[eHEROES](#)

,
[SOLARNET](#)

, COST
[ES1005 \(TOSCA\)](#)

action,

[HRZZ](#)

projektu

[SOLSTEL](#)

i
[ESF](#)

projektu

PoKRet

. Član je

[Hrvatskog Astronomskog Društva](#)

i

[Međunarodne Astronomske Unije \(IAU\)](#)

., a 2009. godine je izabran kao nacionalni koordinator za „

[Međunarodnu godinu astronomije 2009](#)

“. Tijekom znanstvenoga skupa „Research at Jungfraujoch – Top of Science“ (11.-14.9.2006) primio je drugu nagradu za najbolji poster. Članak Čalogović i sur., 2010 “

[Geophysical Research Letters](#)

, izabran je kao najpopularniji članak u svim

[AGU časopisima](#)

u veljači 2010. Bio je recenzent za različite stručne časopise (e.g.

[Geophysical Research Letters](#)

,

[Journal of Geophysical Research](#)

,

[International Journal of Climatology](#)

), a u 2011 je dobio priznanje kao izvanredan recenzent za

[Geophysical Research Letters](#)

(Editor's Citation for Excellence in Refereeing for Geophysical Research Letters). Doktorirao je 2014. godine na

[Geofizičkom odsjeku PMF-a u Zagrebu](#)

s doktorskim radom: "

[Utjecaj Sunčeve aktivnosti na Zemljin svemirski okoliš i klimu](#)

".

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- Čalogović, J., Dumbović, M., Sudar, D. et al. (2021): Probabilistic Drag-Based Ensemble Model (DBEM) Evaluation for Heliospheric Propagation of CMEs, *Solar Physics*, 296, 114. DOI: 10.1007/s11207-021-01859-5. [>> link to publication](#)
- Dumbović, M., Čalogović, J., Martinić, K. et al. (2021): Drag-Based Model (DBM) Tools for Forecast of Coronal Mass Ejection Arrival Time and Speed, *Frontiers in Astronomy and Space Sciences* 8, 58. doi:

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• 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**

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• 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. II. Dependence on Alfvén Speed Inside the Coronal Hole, *The Astrophysical Journal*, **857**, 130, doi: 10.3847/1538-4357/aab709.

[>> link to publication](#)

• Dumbović, M., Čalogović, J., Vršnak, B., Temmer, M., Mays, M. L., Veronig, A., Piantschitsch, I. (2018): The Drag-based Ensemble Model (DBEM) for Coronal Mass Ejection Propagation, *The Astrophysical Journal*

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