

Пирогов Лев Евгеньевич

официальный оппонент по диссертации Плакитиной К.В.

1. Ming-Kang Lim, Ram K. Yadav, L. K. Dewangan, Kee-Tae Kim, A. Zavagno, Jedsada Maklai, Nicola Schneider, Doris Arzoumanian, Arshia M. Jacob, L. E. Pirogov, Jihye Hwang, D. K. Ojha, Gyuhoo Lee, Affan Adly Nazri, and Saurabh Sharma. FIRESTORM I: stellar feedback and gas kinematics in the evolved W40 hub-filament system // *Monthly Notices of the Royal Astronomical Society*, 545, id.staf2218, 20 pp. (2026).
2. Bhadari, N. K., Dewangan, L. K., Jadhav, O. R., Hoque, A., Pirogov, L. E., Goldsmith, P. F., Maity, A. K., Sharma, S., Haj Ismail, A., & Baug, T. JWST-ALMA study of a hub-filament system in the nascent phase // *Astron. and Astrophys.*, 694, L18 (2025).
3. Pirogov, L. E., Zemlyanukha, P. M., & Dombek, E. M. Properties of Contracting Massive Protostellar Cores // *Astronomy Reports*, 68, 1390 (2024).
4. Pirogov, L. E., Zemlyanukha, P. M., Dombek, E. M., & Voronkov, M. A. Physical Properties and Kinematics of Dense Cores Associated with Regions of Massive Star Formation from the Southern Sky // *Astronomy Reports*, 67, 1355 (2023).
5. Bhadari, N. K., Dewangan, L. K., Pirogov, L. E., Pazukhin, A. G., Zinchenko, I. I., Maity, A. K., & Sharma, S. Fragmentation and dynamics of dense gas structures in the proximity of massive young stellar object W42-MME // *Monthly Notices of the Royal Astronomical Society*, 526, 4402 (2023).
6. Zemlyanukha, P., Zinchenko, I. I., Dombek, E., Pirogov, L. E., Topchieva, A., Joncas, G., Dewangan, L. K., Ojha, D. K., & Ghosh, S. K. Fragmented atomic shell around S187 H II region and its interaction with molecular and ionized gas // *Monthly Notices of the Royal Astronomical Society*, 515, 2445 (2022).
7. L. E. Pirogov. Dust Temperature Profiles in Dense Cores Related to the High-Mass Star-Forming Regions // *Radiophysics and Quantum Electronics*, 64, 857 (2022).
8. Dewangan, L. K., Pirogov, L. E., Bhadari, N. K., & Maity, A. K. Ionized filaments and ongoing physical processes in massive-star-forming sites around $l = 345.^\circ 5$ // *Monthly Notices of the Royal Astronomical Society*, 516, 2988 (2022).
9. Bhadari, N. K., Dewangan, L. K., Ojha, D. K., Pirogov, L. E., & Maity, A. K. Simultaneous Evidence of Edge Collapse and Hub-filament Configurations: A Rare Case Study of a Giant Molecular Filament, G45.3+0.1 // *Astrophys. J.*, 930, 169 (2022).
10. Pirogov, L. E., Zemlyanukha, P. M. Principal Component Analysis for Estimating Parameters of the L1287 Dense Core by Fitting Model Spectral Maps into Observed Ones // *Astronomy Reports*, 65, 82 (2021).