

Maria S. Murga (Khramtsova)

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GENERAL INFORMATION

Born June 11, 1987,

Ekaterinburg, Russia.

Living in Moscow

since Sept. 2010.



WORK

I am currently researcher in the Institute of Astronomy of Russian Academy of Sciences, department of physics and evolution of stars **since Sept. 2013**

EDUCATION

THE INSTITUTE OF ASTRONOMY OF RUSSIAN ACADEMY OF SCIENCES: *PhD study* **2010-2013**

PhD thesis: “Dust evolution in extragalactic complexes of ionised hydrogen” (supervisor Dr. D. S. Wiebe, The Institute of Astronomy of Russian academy of sciences, Russia)

URAL STATE UNIVERSITY – EKATERINBURG: *Master’s in Astronomy* **2008-2010**

Master’s thesis: “A study of Mg II-absorbing galaxies at redshift $z \sim 0.4$ ” (supervisor Dr. S. Zibetti, MPIA, Heidelberg, Germany)

URAL STATE UNIVERSITY – EKATERINBURG: *Bachelor’s in Astronomy* **2004-2008**

Bachelor’s thesis: “Multicolor surface photometry of disk galaxies” (supervisor Dr. A. V. Zasov, Moscow State University, Russia)

LYCEUM #130 FOR PHYSICS, MATHEMATICS – EKATERINBURG: *Finished with honors* **2002-2004**

SCHOOL #105 – EKATERINBURG: *Finished with honors* **1994-2002**

RESEARCH INTERESTS

- Dust: processes of lifecycle, evolution in context of galaxies
- Polycyclic aromatic hydrocarbons (PAHs) as important component of dust in galaxies. Formation and destruction. Connection of PAHs to parameters of galaxies (metallicity, age, star formation history, etc.)