

CURRICULUM VITAE

PERSONAL DATA

Mary Zazyan
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EDUCATION

- 1988 Yerevan Physics Institute
Ph.D. Nuclear Physics and Elementary Particles
Title of PhD thesis: “Investigation of Primary Cosmic Ray Composition in Energy Range $>10^3$ TeV by Multidimensional Analysis Methods”.
- 1972 Yerevan State University, Faculty of Physics
MS ('Red Diploma' -highest academic marks on all subjects).

RESEARCH INTERESTS

Field of expertise

High Energy and Cosmic Ray Physics, Emulsion Chamber and Extensive Air Showers Experiments, Data Classification and Multidimensional Analysis, Monte Carlo Simulation, Software development for detector simulation, Space Weather research.

Current research

Cosmic Ray research at high altitude station on Mt. Aragats.
Solar Physics and Space Weather Forecasting.
High-energy atmospheric physics.

SUMMARY OF RELEVANT WORK EXPERIENCE

- 1996 – present Research scientist, Yerevan Physics Institute, Cosmic Ray Division.
- 1992 - 1995 Scientific secretary of Yerevan Physics Institute.

Scientific visits to the

Universität Greifswald, Institut für Physik, Greifswald, Germany,
Jul2013 – Sep2013 (supported by **DAAD grant**);

Universität Greifswald, Institut für Physik, Greifswald, Germany,
Aug2010 – Oct2010 (supported by **DAAD grant**);

Institute of Nuclear Physics, Forschungszentrum, Karlsruhe,
Germany - KASCADE experiment, Jun2002 – Dec2002 (supported by
Volkswagen Foundation grant);

Centre d'Etudes Nucleaires de Bordeaux-Gradignan, Universite de
Bordeaux1, France, Oct2000 – Apr2001; PCC College de France, Paris,
France, May2001 Jun2001 (supported by **NATO Science Program**);

Institute of Nuclear Physics, Forschungszentrum, Karlsruhe,
Germany - KASCADE experiment, Sep97 - Nov97(supported by **DAAD
grant**), Nov98 – Dec98 (WTZ project ARM-002-98);

University of Lodz, Poland, Apr89 – May89;

P.N. Lebedev Physical Institute of Academy of Sciences of the USSR,
Moscow, multiple visits during 1979 – 1988, PAMIR experiment.

PUBLICATIONS

Total number of the publications in the scientific journals - more than 60.

LANGUAGES

Mother tongue - Armenian

Other languages - Russian, English

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Dr. M. Zazyan