

Annual Report 2012

Jaan Einasto

1 Research

I participated in the analyze of the morphology of rich clusters in superclusters of galaxies, initiated by Maret Einasto (Einasto et al., 2012c,b,d,a).

I continued the work on book “Dark Matter Story – a personal view”, a personal recollection of the story of the discovery of dark matter and the large scale structure of the Universe, as seen from our viewpoint. An agreement with World Scientific Publishing Co. on the publication of this book is signed, the deadline to present the manuscript is end of 2012.

My talks on conferences in 2011 have been published (Einasto, 2012a,b).

2 Lectures, conferences

- August 10, Talk in Estonian Astronomical Society Annual Meeting “The structure of the Universe”;
- September 19, Talk in the seminar of Byurakan Astrophysical Observatory “Dark matter story”;
- October 9, Talk in the Piano Festival in Tartu “Encounters with Ernst Öpik”;
- October 22, Talk in opening ceremony of the restored main building of Tartu Observatory “Changing the world view on the Universe”;
- December 17, Planned invited talk in the Texas Astrophysical Meeting “Dark matter”.

3 Visits

- March 03 – May 14, Pescara ICRANet;
- July 01 – July 08, 13th Marcel Grossmann Meeting, Stockholm;
- September 16 – September 19, Erevan, Armenian National Academy of Sciences, reception of the Viktor Ambartsumian International Prize;
- September 19 – September 22, Turku University Astronomical Observatory, Tartu–Tuorla Annual Cosmology Meeting;
- December 14 – December 21, Sao Paulo, Brazil, 26th Texas Symposium on Relativistic Astrophysics – TEXAS 2012.

4 Scientific organisations, awards

I am member of the International Astronomical Union (1961), Estonian Academy of Sciences (1981), American Astronomical Society (1981), European Astronomical Society (1990), Academia Europaea (1990), Royal Astronomical Society (1994). I have Estonian Science Prizes (1982, 1998, 2003, 2007), The Estonian Order of the National Coat of Arms (1998), Marcel Grossmann Award (2009), honorary Doctor of Tartu University (2010), Viktor Ambartsumian International Prize (2012).

References

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