

Workshop on "Cosmical Phenomena That Affect Earth And Their Effects"

18-Oct-13

Program

| Section | Authors | Title | h | min |
|----------------------|--|--|----|-----|
| <i>Convenor</i> | <i>Cristiana Dumitrache</i> | | | |
| Strategy | Suran, M.D. | AIRA Space Strategy in Astrophysics and Cosmology for the period 2013-2020 | 10 | 0 |
| | Cristiana Dumitrache | Bucharest Solar Station - Past and Future | 10 | 15 |
| ESA Space Programmes | Pricopi, D., Suran, M.D. | Romanian participation to the NASA/KEPLER/KASC and ESA/CoRoT Space Missions | 10 | 30 |
| | Suran, M.D., Pricopi, D., Popescu, N.A. | Romanian participation to the ESA/GAIA Space Mission | 10 | 45 |
| Earth Observation | Catalin Cucu-Dumitrescu | Method of Determining Cloud&Shadow-Mask for a Satellite Image | 11 | 0 |
| | Petre Popescu | Romanian contribution to "Astronomy&Astrophysics in Antarctica" Programme. | 11 | 15 |
| | Coffee break | | 11 | 30 |
| | Coffee break | | 11 | 45 |
| <i>Convenor</i> | <i>Nedelia A. Popescu</i> | | | |
| Space weather | Liliana Dumitru | Analyzes and predictions of solar cycle 24 | 12 | 0 |
| | Diana Constantin | Sigmoid Filaments- Observational Aspects | 12 | 15 |
| | Gefry Barad | Sigmoid Filaments and Helicity. Theoretical Aspects. | 12 | 30 |
| | O. Stere, C. Oprea, M. Mierla | On the travel time of halo CMEs to Earth | 12 | 45 |
| | C. Dumitrache, N.A. Popescu | Plasma temperature anisotropy as tool to detect the ICMEs borders | 13 | 0 |
| | E.Popescu | Fractional kinetic equations with applications to solar wind time series | 13 | 15 |
| | Coffee break | | 13 | 30 |
| <i>Convenor</i> | <i>Doru Marian Suran</i> | | | |
| NEO | Marcel Popescu, Dan Alin Nedelcu, Mirel Birlan | Data reduction and interpretation of asteroids spectra | 13 | 45 |
| Others | Popescu, N.A., Suran, M.D. | Data mining on the NASA/HST Space Mission data for the study of galaxy formation and evolution | 14 | 0 |
| | Diana Constantin | The computation of the errors for Mercury's data using Monte Carlo simulation | 14 | 15 |
| | Magda Stavinschi | Momente audio si video din istoria astronomiei romanesti | 14 | 30 |
| Poster | Iharka Szucs-Csillik, Rodica Roman | Generalization of Levi-Civita regularization for LEO satellites | | |

Nota bene: **Astronomical event 18- 19 October 2013 - Penumbral lunar eclipse : start - 23:51 TLR, max - 1:50 TLR, end - 3:50 TLR**