

40th COSPAR Scientific Assembly in Moscow
2-10 August 2014

AGENDA

of science sessions for scientific event E1.10

The Sharpest View of the Radio Universe — Results from the RadioAstron (Spectr-R) Mission

August 7th, Thursday

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| 1. Three years of RadioAstron in flight and future prospects | Kardashev N. | 30 min |
| 2. Results of the RadioAstron AGN survey | Kovalev Y.Y. | 30 min |
| 3. Zooming into the high-redshift Universe | Frey S. | 20 min |

Coffe break

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| 4. Physics of ultracompact reletivistic jets with RadioAstron | Lobanov A. | 30 min |
| 5. The nuclear structure in nearby AGN with RadioAstron | Savolainen T. | 30 min |
| 6. Probing the innermost regions of AGN jets and their magnetic fields | Gomez J.L. | 30 min |

Lunch

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| 7. The nuclear structure in 3C 84 | Giovannini G. | 20 min |
| 8. The first dual-band 5-22 GHz RadioAstron space-VLBI observations of quasar 3C 48 and TXS 2013+370 | Sokolovsky K. | 20 min |
| 9. TANAMI and RadioAstron observations of AGN | Edwards P. | 20 min |
| 10. RadioAstron perigee imaging and brightness temperature survey with the Long Baseline Array | Reynolds C. | 20 min |

Coffe break

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| 11. RadioAstron observations of pulsars and interstellar scattering | Gwinn C. | 30 min |
| 12. RadioAstron space-ground interferometer at 324 MHz: interstellar plasma in the direction to PSR B1919+21 | Smirnova T. | 20 min |
| 13. Pulsar B0329+54: scattering disk resolved by RadioAstron interferometer at 324 MHz | Popov M. | 20 min |
| 14. Preliminary results of giant pulses investigation from Crab pulsar with RadioAstron | Rudnitskiy A. | 20 min |

August 8th, Friday

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| 15. «But clouds got in my way»: interstellar scintillation and how it may affect SVLBI observations | Jauncey D. | 20 min |
| 16. Interstellar scattering and VLBI observations of AGN | Pushkarev A. | 20 min |
| 17. RadioAstron results on extremely small structures in cosmic masers | Sobolev A. | 30 min |
| 18. Gravitational redshift experiment on RadioAstron | Litvinov D. | 20 min |

Coffe break

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| 19. Data processing center of RadioAstron project | Shatskaya M. | 20 min |
| 20. Data processing in RadioAstron mission: ASC correlator | Andrianov A. | 20 min |
| 21. Data processing in RadioAstron mission: pulsar mode | Andrianov A. | 20 min |