

PRELIMINARY PROGRAM

TUESDAY, 12 April 2016

8.00 – 9.50 **REGISTRATION OF THE SYMPOSIUM PARTICIPANTS**

10.00 – 10.10 **OPENING CEREMONY**

10.10 – 10.20 Welcome speech by the Chairman of the International Scientific Committee **V.G. Peshekhonov** (*Concern CSRI Elektropribor, JSC, St. Petersburg, Russia*)

10.20 – 10.30 Welcome speech by **Urs Marti** (*Federal Office of Topography, Wabern, Switzerland*)

INTRODUCTORY PAPERS

10.30 – 11.10 1. **Roland Pail** (*Institute of Astronomical and Physical Geodesy, Technische Universität München, Germany*)
The Link Between Terrestrial and Satellite Gravimetry

11.10 – 11.50 2. **Rene Forsberg, Arne V. Olesen** (*National Space Institute (DTU-Space), Copenhagen, Denmark*)
Airborne Gravity Field Measurements – Status and Developments

11.50 – 12.10 **COFFEE BREAK**

SESSION 1. TERRESTRIAL, SHIPBOARD AND AIRBORNE GRAVIMETRY

PLENARY PAPERS

12.10 - 12.30 3. **D. Becker, M. Becker** (*Physical and Satellite Geodesy, Faculty of Civil and Environmental Engineering, Technische Universität Darmstadt, Germany*)
№35
Latest Results in Strapdown Airborne Gravimetry using an iMAR RQH Unit

12.30 - 12.50 4. **A.M. Sokolov, A.A. Krasnov** (*Concern CSRI Elektropribor, JSC, ITMO University, St. Petersburg, Russia*), **V.V. Glazko** (*State Research Navigation and Hydrographic Institute (GNINGI), St. Petersburg,*

Russia)

High-Accuracy Marine Gravity Survey in the Arctic Basin

- 12.50 – 13.10
№22
5. **Kaidong Zhang, Meiping Wu, Juliang Cao, Shaokun Cai** (*College of Mechatronic Engineering and Automation, National University of Defense Technology, Changsha, China*)
Preliminary Results of the Strapdown Airborne Gravimeter SGA-WZ02
- 13.10 - 14.10
- LUNCH
- PLENARY PAPERS
- 14.10 – 14.30
№59
6. **F. Barthelmes, C. Förste, S. Petrovic, H. Pflug, B. Lu** (*Helmholtz-Centre Potsdam, GFZ German Research Center for Geosciences, Telegrafenberg, Potsdam, Germany*), **G. Liebsch, J. Müller, U. Schäfer** (*Federal Agency for Cartography and Geodesy BKG, Leipzig, Germany*)
Experiences from Air- and Ship-Borne Gravity Missions Using a Gravimeter Chekan-AM
- 14.30 - 14.50
№10
7. **S.S.Yurist, Yu.L.Smoller** (*ZAO Gravimetric Technologies, Moscow, Russia*), **A.A.Golovan, L. Yu. Iakushik** (*Lomonosov Moscow State University, Moscow, Russia*)
Using Quasi Coordinates in Firmware of Multiantenna GPS Receiver and in the Airborne Gravimeter GT2A for Surveys in Polar Areas
- 14.50 - 15.10
№42
8. **P.N. Kovrizhnykh, Zh.Zh. Sahurykov, B.B. Shagirov, M.O. Paidin** (*Geoken SPC LLP, Almaty, Republic of Kazakhstan*)
Experience in Airborne Gravimetric Survey in Kazakhstan Upland Conditions
- 15.10 – 15.30
№34
9. **O.A. Stepanov, A.V. Sokolov, A.V. Motorin, D.A. Koshaev, A.A. Krasnov** (*Concern CSRI Elektropribor, JSC, ITMO University, St. Petersburg, Russia*)

Comparison of Stationary and Nonstationary Filtering
and Smoothing Algorithms for Gravity Anomaly
Estimation Onboard the Aircraft

- 15.30 – 15.50
№9 10. **Clement Roussel, Jerome Verdun, Jose Cali**
(*Geodesy and Geomatics Laboratory, Le Mans, France*); **Marcia Maia, Jean-Francois D'EU**
(*Oceanic Domains Laboratory, Plouzane, France*)
Signal Processing and Calibration of a Mobile
Underwater Gravimetry and Gradiometry System
Named GraviMob

15.50 - 16.10 **COFFEE BREAK**

POSTER PAPERS *

- 16.10 – 16.30
№52 11. **I.V. Lygin, N.K. Myasoedov** (*"RN-Exploration", Moscow, Russia*), **S.V. Gorbachev, I.N. Radaev**
(*"RN-Shelf-Arctic", Moscow, Russia*)
Requirements for Gravimetric Survey in Offshore
Geological Explorations
- №48 12. **Gao Wei, Wu Xingtao** (*Tianjin Navigation Instrument Research Institute, Tianjin, China*)
The Research on Algorithm of Interception Gravity
Line and Intersection Search
- №47 13. **Wang Yuegang, Teng Honglei, Wang Le**
(*Xi'an Shaanxi High Tech Research Institute, China*)
Kalman Filtering Process for Airborne Gravity
Measuring Vertical Acceleration Correction
- №28 14. **Yu.V.Bolotin, V.S.Vyazmin** (*MSU, Moscow, Russia*)
Gravity Anomaly Vector Determination on Flight
Trajectory and in Terms of Spherical Wavelet
Coefficients Using Airborne Gravimetry Data

* *The authors of poster papers at the plenary session are given 3 min to present the main idea of the paper with 1-2 slides, if any; further discussion will continue at the posters.*

- №2 15. **A.B. Popov** (*St. Petersburg, Russia*)
Marine Autonomous Gradiometer with High
Suspension Ruggedness

16.30 - 16.50 **Discussion of the poster papers**

17.00 **DRINK RECEPTION**
(at Concern CSRI Elektropribor, JSC)

WEDNESDAY, 13 April 2016

**SESSION 1. TERRESTRIAL, SHIPBOARD AND AIRBORNE
GRAVIMETRY**

(Continued)

PLENARY PAPERS

- 9.00 – 9.20**
№44 16. **H. Baumann** (*Federal Institute of Metrology METAS, Bern-Wabern, Switzerland*), **E.E. Klingele** (*Gravity Consulting, Zurich, Switzerland*)
Towards a Dynamic Absolute Gravity System
- 9.20 – 9.40**
№36 17. **V.G. Peshekhonov, A.V. Sokolov, O.A. Stepanov, A.A. Krasnov** (*Concern CSRI Elektropribor, JSC, ITMO University, St. Petersburg, Russia*), **Yu.F. Stus'** (*Institute of Automation and Electrometry, Siberian Branch of the Russian Academy of Sciences, Russia*)
Design Concept of an Integrated Gravimetric System for Determining the Absolute Gravity from a Moving Base
- 9.40 – 10.00**
№41 18. **A. Araya, M. Shinohara, T. Yamada, T. Ishihara** (*Earthquake Research Institute, University of Tokyo, Tokyo, Japan*), **T. Kanazawa, H. Fujimoto** (*National Research Institute for Earth Science and Disaster Prevention, Ibaraki, Japan*), **K. Iizasa** (*Institute of Industrial Science, University of Tokyo, Tokyo, Japan*), **S. Tsukioka** (*Japan Agency for Marine-Earth Science and Technology, Kanagawa, Japan*)
Gravity Gradiometer Onboard an Autonomous Underwater Vehicle to Search for Subseafloor Ore Deposits

SESSION 2. ABSOLUTE GRAVIMETRY

PLENARY PAPERS

- 10.00 – 10.20 №24 19. **H. Baumann, F. Pythoud** (*Federal Office of Metrology METAS, Bern-Wabern, Switzerland*), **D. Blas, S. Sibiryakov** (*Theory Division, CERN, Geneva, Switzerland*), **A. Eichenberger** (*Federal Office of Metrology METAS, Bern-Wabern, Switzerland*), **E. E. Klingele** (*Gravity Consulting, Lerchenberg 4, Zurich, Switzerland*)
Experimental Assessment of the Speed of Light Perturbation in Free-Fall Absolute Gravimeters
- 10.20 – 10.40 №56 20. **WU Shuqing, Feng Jinyang, LI Chunjian, SU Duowu, JI Wangxi, XU Jinyi** (*National Institute of Metrology, Beijing, P.R. China*), **In-Mook Choi, Sam-Yong Woo** (*Korea Research Institute of Standards and Sciences, Daejeon, Rep. of Korea*)
Revisiting the Comparison of Absolute Gravimeters within APMP Frame
- 10.40 – 11.00 №12 21. **Hua Hu, Kang Wu, Zhe Li, Gang Li, Guan Wang, Jin Qian, Lijun Wang** (*Department of Precision Instrument, Tsinghua University, Beijing, China*)
The T-1 High Precision Absolute Gravimeter
- 11.00 – 11.20
- ### COFFEE BREAK
- ### PLENARY PAPERS
- 11.20 – 11.40 №53 22. **Tian Wei, Zhang Weimin, Zhong Min, Hu Ming And Houze Xu** (*State Key Laboratory of Geodesy and Earth's Dynamics, Institute of Geodesy and Geophysics, CAS, Wuhan, China*)
WHIGG Miniaturized Absolute Gravimeter
- 11.40 – 12.00 №54 23. **Yao-Yao Xu, Xiao-Chun Duan, Min-Kang Zhou, Jia-Feng Cui, Hui-Bin Yao, Xin Xiong, Zhong-Kun Hu** (*MOE Key Laboratory of Fundamental Physical Quantities Measurement, School of Physics, Huazhong University of Science and Technology, Wuhan, China*)
Development of a Transportable Atom Gravimeter in HUST

- 12.00 – 12.20 24. **J. Mäkinen, M. Bilker-Koivula, H. Ruotsalainen** (Finnish Geospatial Research Institute (FGI), Masala, Finland), **R. A. Sermyagin, I.A. Oshchepkov, N.A. Gusev, N.N. Korolev, A.V. Basmanov, V.I. Kaftan, A.V. Pozdnyakov** (Federal Scientific Research Center of Geodesy, Cartography and SDI (TsNIIGAiK), Moscow, **Russia**), **Yu.F. Stus, D.A. Nosov** (Siberian Branch of Russian Academy of Sciences, Institute of Automation and Electrometry (IAE SB RAS), Novosibirsk, **Russia**), **V.D. Yushkin** (Lomonosov Moscow State University, Sternberg Astronomical Institute (SAI MSU), Moscow, **Russia**), **R. Falk, W. Hoppe** (Federal Agency for Cartography and Geodesy (BKG), Frankfurt am Main, **Germany**), **O. Gitlein** (Institute of Geodesy (IfE), Leibniz Universität Hannover, Hannover, **Germany**)
Comparisons of Russian, Finnish, and German Absolute Gravimeters 2004–2013 and Connections to International Comparisons of Absolute Gravimeters
- №15
- 12.20 – 12.40 25. **V. Pálinkáš** (Research Institute of Geodesy, Topography and Cartography, Geodetic Observatory Pecný, **Czech Republic**), **O. Francis** (University of Luxembourg, FSTC – Campus Kirchberg, **Luxembourg**)
First results of the Comparison of Absolute Gravimeters EURAMET.M.G-K2 Key Comparison and Pilot Study
- №25
- 12.40 – 13.00 26. **R. Billson, Andy Constantino, Brice Lucero, Justin Grantham, Aaron Schiel, T.M. Niebauer** (Micro-g LaCoste, Inc., **USA**)
FG5 Automatic Tilt Correction System
- №60
- 13.00 - 14.00 **LUNCH**

PLENARY PAPER

- 14.00 – 14.20 №27 27. **A. Germak, E. Biolcati** (*Istituto Nazionale di Ricerca Metrologica INRiM, Torino, Italy*)
Sensitivity of the Drop Length in a Rise and Fall Absolute Gravimeter: Simulation and Data from the IMGC-02 Instrument Operating in Different Measurement Sites
- 14.20 – 14.40 №8 28. **V.F. Bolyukh** (*NTU «KhPI», Kharkiv, Ukraine*),
A.V. Omelchenko (*NURE, Kharkiv, Ukraine*);
A.I. Vinnichenko (*NSC «Institute of Metrology», Kharkiv, Ukraine*)
A Ballistic Laser Gravimeter for a Symmetrical Measurement Method with the Inductive-Dynamic Catapult and Auto-Seismic Vibration Preventing System

POSTER PAPERS *

- 14.40 – 15.00 №27 29. **E.I. Kotova, A.L. Smirnova, A.L. Dmitriev** (*ITMO University, St. Petersburg, Russia*)
Compact Absolute Gravimeter Based on a Dropping Holographic Diffraction Grating
- №32 30. **P. Křen** (*Czech Metrology Institute, Prague, Czech Republic*), **V. Pálinkáš, M. Vařko** (*Research Institute of Geodesy, Topography and Cartography, Geodetic Observatory Pecný, Ondřejov, Czech Republic*),
P. Mařika (*Czech Metrology Institute, Prague, Czech Republic*)
Dispersion Effect in Coaxial Cables of Absolute Gravimeters
- №55 31. **Min-Kang Zhou, Xiao-Chun Duan, Le-Le Chen, Qin Luo, Zhong-Kun Hu** (*MOE Key Laboratory of Fundamental Physical Quantities Measurements, School of Physics, Huazhong University of Science and Technology, Wuhan, China*)
Systematic Errors Evaluation of the Atom Interferometry Gravimeter

* *The authors of poster papers at the plenary session are given 3 min to present the main idea of the paper with 1-2 slides, if any; further discussion will continue at the posters.*

- №57 32. **WU Shuqing, XU Jinyi, LI Chunjian, SU Duowu, Feng Jinyang, JI Wangxi** (*National Institute of Metrology, Beijing, China*)
The Different Digital Fringe Signal Processing Methods in NIM's Absolute Gravimeters

15.00 – 15.20 **Discussion of the poster papers**

15.20 – 15.40 **COFFEE BREAK**

**SESSION 3: RELATIVE GRAVIMETRY, GRAVITY NETWORKS
AND APPLICATIONS OF GRAVIMETRY**

PLENARY PAPERS

- 15.40 - 16.00 №50 33. **V.A Lygin** (*State Scientific Center Yuzhmorgeologiya, Gelendzhik, Russia*), **T.B. Sokolova, I.V. Lygin** (*Geological department of Lomonosov Moscow State University, Moscow, Russia*)
Comprehensive Analysis and Interpretation of Gravimetric and Magnetometric Survey of the Water Area and the Mainland the Siberian Region
- 16.00 – 16.20 №25 34. **Filippo Greco, Gilda Currenti, Mimmo Palano** (*INGV, Catania, Italy*)
Insights into a Shallow Persistent Magmatic Reservoir from Joint Inversion of Gravity and GPS Data: the 25-26 October 2013 Etna Lava Fountaining Event
- 16.20 - 16.40 №30 35. **O.V. Denisenko, I.S. Silvestrov, V.F. Fateev, D.S. Bobrov, A.V. Kopaev** (*FSUE «VNIIFTRI», ROSSTANDART, u.s. Mendeleevo, Moscow Region, Russia*)
High-Precision Gravity Observations on Testing Grounds of FSUE «VNIIFTRI»
- 16.40 - 17.00 №16 36. **B.Meurers** (*University of Vienna, Wien, Austria*), **D. Ruess, Ch. Ullrich** (*BEV – Federal Office of Metrology and Surveying, Vienna, Austria*)
Gravity Monitoring at the Conrad Observatory (CO)
- 17.00 - 17.20 № 58 37. **H. Wziontek, R. Falk** (*Federal Agency for Cartography and Geodesy (BKG), Frankfurt/Main, Germany*), **S. Bonvalot** (*Bureau Gravimétrique International (BGI), Toulouse, France*)
The Role of the AGrav-Database for the Realization of a Global Absolute Gravity Reference System

- 17.20 - 17.40 38. **Yu. F. Stus** (*Institute of Automation and Electrometry Siberian Branch of Russian Academy of Sciences (IA&E SBRAS), Novosibirsk, **Russia***),
№19 **V. Yu. Timofeev** (*Trofimuk Institute of Petroleum Geology and Geophysics Siberian Branch of Russian Academy of Sciences (TIPG&G SBRAS), Novosibirsk, **Russia***), **Eu. N. Kalish, I. S. Sizikov, D. A. Nosov** (*IA&E SBRAS, Novosibirsk, **Russia***), **D.G. Ardyukov, A.V. Timofeev** (*TIPG&G SBRAS, Novosibirsk, **Russia***), **D. A. Smirnov, E. O. Nazarov, K. E. Sorokin** (*IA&E SBRAS, Novosibirsk, **Russia***)
Gravimetric Investigation of Vertical Movements of the Earth's Surface in a Seismically Active Area of the Baikal Rift Zone

THURSDAY, 14 April 2016

**SESSION 3: RELATIVE GRAVIMETRY, GRAVITY NETWORKS
AND APPLICATIONS OF GRAVIMETRY**

(Continued))

PLENARY PAPERS

- 9.00 – 9.20** 39. **Ingo Heyde** (*Federal Institute for Geosciences and Natural Resources (BGR), Hannover, Germany*)
№21 The spreading system north of the Rodriguez Triple Junction (Indian Ocean) – Structural Investigations with Respect to Hydrothermal Systems and the Associated Seafloor Massive Sulfides (SMS)
- 9.20 – 9.40** 40. **Rodrigo Lima Melhorato** (*Centro Universitário São Camilo - ES, Cachoeiro de Itapemirim, Brazil*),
№14 **Mauro Andrade de Sousa** (*Coordenação de Geofísica - MCTI/Observatório Nacional, Rio de Janeiro, Brazil*)
An Assessment of the Field Performance of Scintrex CG-5 Autograv Gravimeters
- 9.40 – 10.00** 41. **I.V. Lygin, T.B. Sokolova, A.A. Fadeev,**
№43 **K.M. Kuznetsov, G. I. Brovkin** (*Geological department of Lomonosov Moscow State University, Moscow, Russia*)
Precision Gravity Measurement in the Moscow Sky-Scrapers and its Practical Capability
- 10.00 – 10.20** 42. **Zhou Xiangao, Zhang Chen, Ma Lin** (*Tianjin Navigation Instrument Research Institute Tianjin, China*)
№49 New Method for Non-Liner Gravity Field Aided Navigation and Positioning Under Color Noise
- 10.20 – 10.40** 43. **O.A. Korchagin** (*Rosgeologiaya JSC, Moscow, Russia*), **V.A Lygin** (*State Scientific Center Yuzhmorgeologiya, Gelendzhik, Russia*), **I.V. Lygin,**
№61 **T.B. Sokolova** (*Geological department of Lomonosov Moscow State University, Moscow, Russia*)
Shearing in Gravity Field

POSTER PAPERS *

- 10.40 - 11.10 №4** 44. **M. Lederer, O. Nesvadba** (*Land Survey Office in Prague, Prague, Czech Republic*)
Terrestrial Gravity Data Densification for the Czech Republic
- №26** 45. **M. Lederer** (*Land Survey Office in Prague, Prague, Czech Republic*), **V. Pálinskáš** (*Research Institute of Geodesy, Topography and Cartography, Geodetic Observatory Pecný, Ondřejov, Czech Republic*)
Accurate Determination of Vertical Gravity Gradients at New Czech Absolute Gravity Stations
- №11** 46. **I.A. Oshchepkov, R.A. Sermyagin, A.A. Spesivtsev, V.D. Yushkin, A.V. Pozdnyakov** (*Federal Scientific and Technical Center of Geodesy, Cartography and SDI, Moscow, Russia*), **A.A.Kovrov, P.A. Yuzefovich**
Gravity Measurements in the Moscow Gravity Network
- №1** 47. **E.A.Spiridonov, O.Yu.Vinogradova** (*Schmidt Institute of Physics of the Earth of the Russian Academy of Sciences, Moscow, Russia*)
ATLANTIDA3.1_2014 for Windows: a Software for Tidal Prediction
- №33** 48. **O.A. Stepanov, A.V. Motorin, A.B. Toropov, V.A. Vasiliev** (*Concern CSRI Elektropribor, JSC, ITMO University, St. Petersburg, Russia*)
Identification of Errors in Digital Maps of Geophysical Fields
- №46** 49. **Zhang Yachong** (*AVIC Xi'an Flight Automatic Control Research Institute, China*)
The Decision Region of Gravitational Field Aided Navigation Based on Error Ellipse Method

* Авторы стендовых докладов на пленарном заседании в течение 3 мин излагают основную идею доклада и при необходимости демонстрируют 1-2 слайда; дальнейшее обсуждение будет проходить у демонстрационных плакатов.

- №38 50. **A.A. Krasnov, L.P. Starosel'tsev, A.N. Dzyuba, M.I.Evstifeev** (*Concern CSRI Elektropribor, JSC, ITMO University, St. Petersburg, Russia*)
Development of a Gyrostabilization System and Determination of Motion Parameters of a Marine Absolute Gravimeter

11.10 – 11.40 **Discussion of the poster papers**

11.40 – 12.00 **COFFEE BREAK**

SESSION 4: **COLD ATOM AND SUPERCONDUCTING GRAVIMETERS.
GRAVITATIONAL EXPERIMENTS**

PLENARY PAPERS

- 12.00 - 12.20
№40 51. **V. Menoret, P. Vermeulen** (*Muquans, rue François Mitterrand, Talence, France*), **A. Landragin** (*LNE-SYRTE, Observatoire de Paris, CNRS and UPMC, Paris, France*), **P. Bouyer** (*Laboratoire Photonique Numerique Nanosciences – LP2N Université de Bordeaux – IOGS - CNRS, Talence, France*), **B. Desruelle** (*Muquans, rue François Mitterrand, Talence, France*)
Quantitative Analysis of a Transportable Matter-Wave Gravimeter
- 12.20 - 12.40
№45 52. **V. Schkolnik, C. Freier, M. Hauth, B. Leykauf** (*Institut für Physik, Humboldt Universität zu Berlin, Berlin, Germany*), **M. Schilling** (*Institut für Erdmessung, Leibniz Universität Hannover, Hannover, Germany*), **H. Wziontek** (*Bundesamt für Kartographie und Geodäsie (BKG), Leipzig, Germany*), **H.G. Scherneck** (*Chalmers University of Technology & Onsala Space Observatory, Onsala, Sweden*), **A. Peters** (*Institut für Physik, Humboldt Universität zu Berlin, Berlin, Germany*)
Mobile Atom Interferometer for Absolute Gravity Measurements
- 12.40 - 13.00
№20 53. **H. Hanada** (*National Astronomical Observatory, Mitaka/Oshu, Japan, SOKENDAI (The Graduate University for Advanced Studies), Mitaka, Japan*), **S. Tsuruta, K. Asari** (*National Astronomical Observatory, Mitaka/Oshu, Japan*), **H. Araki, H. Noda** (*National Astronomical Observatory, Mitaka/Oshu, Japan, SOKENDAI (The Graduate University for Advanced Studies), Mitaka, Japan*), **S. Kashima** (*National Astronomical Observatory, Mitaka/Oshu, Japan*), **K. Funazaki, A. Satoh, H. Taniguchi, H. Kato, M. Kikuchi, H. Sasaki, T. Hasegawa** (*Iwate University, Morioka, Japan*), **A. Gusev** (*Kazan Federal University, Kazan, Russia*)
Expected Accuracy of a Small Telescope Like PZT for Observations of Vertical Gravity Gradient and Lunar Rotation

13.00 – 14.00

LUNCH

PLENARY PAPERS

14.00 - 14.20
№23

54. **N. Zahzam, A. Bonnin, F. Theron, M. Cadoret, Y. Bidel, A. Bresson** (*ONERA, DMPH, Palaiseau, France*)

New Advances in the field of Cold Atom Interferometers for Onboard Gravimetry

14.20 - 14.40
№31

55. **V.F. Fateev, A.I. Zharikov, V.P. Sysoev, E.A. Ribakov, F.R. Smirnov** (*FSUE «VNIIFTRI», ROSSTANDART, u.s. Mendeleevo, Moscow Region, Russia*)

Experimental Determination of Orthometric Heights Difference Based on Gravitational Effects of Time Dilation

14.40 - 15.00
№39

56. **F.C. Seifert** (*Joint Quantum Institute, National Institute of Standards and Technology and University of Maryland, Gaithersburg, USA*), **D.B. Newell** (*National Institute of Standards and Technology (NIST), Gaithersburg, USA*), **E.J. Leaman** (*Virginia Polytechnic Institute and State University, Blacksburg, USA*)

Determination of the Local Acceleration of Gravity for the NIST-4 Watt Balance

15.00 - 15.20
№13

57. **I.I. Kalinnikov, A.B. Manukin** (*Schmidt Institute of Physics of the Earth of the Russian Academy of Sciences, Moscow, Russia*)

About Lowering Noise Temperature of Oscillatory Systems by Cold Damping

POSTER PAPER *

- 15.20 – 15.30**
№29 58. **Yu.P.Machekhin** (*Khmure, Kharkov, Ukraine*),
A.S.Matvienko (*UZMASH, Dnepropetrovsk, Ukraine*);
A.I.Povrozin (*KhPhTI, Kharkov, Ukraine*)
The Influence of a Gravitational Field on the
Frequency of Laser Radiation, as the Basis of an
Absolute Gravimeter
- 15.30 – 15.40** **Discussion of the poster paper**
- 15.40 – 16.00** **COFFEE BREAK**
- 16.00 – 16.30** **Questions & Answers**
- 16.30 – 16.40** **CLOSING CEREMONY**
- 17.00** **Bus to the drink reception venue**
- 17.30** **DRINK RECEPTION**

* *The authors of poster papers at the plenary session are given 3 min to present the main idea of the paper with 1-2 slides, if any; further discussion will continue at the posters.*

FRIDAY, 15 April 2016

CULTURAL PROGRAM (11:00 to 19:00)