

**List of abstracts**  
**submitted to the 24<sup>th</sup> Saint Petersburg International Conference**  
**on Integrated Navigation Systems**  
**29-31 May 2017**  
**with the decision of the International Program Committee**  
**based on the reviewing results**

Abstract No. in the CoMS-EP system	Paper title	Decision of the International Program Committee
1.	<b>D.A. Burov</b> ( <i>All-Russian Scientific Research Institute «Signal» Joint Stock Company (AO «VNII «Signal»), Kovrov, Russia</i> ) Analysis of SINS Structures with Error Autocompensation	<b>POSTER PAPER</b>
2.	<b>A.V. Kramlikh, M.E. Melnik</b> ( <i>Korolev National Research University (Samara University), Samara, Russia</i> ) Reorientation Algorithm of the CubeSat Format Nanosatellite	<b>POSTER PAPER</b>
3.	<b>Ye.I. Somov, S.A. Butyrin, S.Ye. Somov</b> ( <i>Samara State Technical University, Samara, Russia</i> ) Satellite Guidance and Gyromoment Attitude Control During Aerial Scanning and Surveying	<b>POSTER PAPER</b>
4.	<b>Ye. I. Somov</b> ( <i>Samara State Technical University, Samara, Russia</i> ) Digital Signal Processing in Astroinertial System for Attitude and Angular Rate Determination of Maneuvering Information Satellite	<b>POSTER PAPER</b>
5.	<b>T.Ye. Somova</b> ( <i>Samara State Technical University, Samara, Russia</i> ) Guidance and Digital Attitude Control of a Maneuvering Land Surveying Satellite	<b>POSTER PAPER</b>
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8.	<b>V.I. Kulakova</b> ( <i>LTD «Special Technological Center», St. Petersburg, Russia</i> ) Estimating the Accuracy of Antenna Phase Center Motion Parameters Determined by the Navigation System	<b>PLENARY PAPER</b>
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13.	<b>V.V. Lyubimov</b> ( <i>Korolev National Research University (Samara University), Samara, Russia</i> ) Resonant Mechanical Moment During Rotation of the Microsatellite with a Magnet and Flywheels on Board: Features, Operation Time Interval, Measurement Methods	<b>POSTER PAPER</b>
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80.	<b>V.M. Nikiforov, A.A. Gusev, S.S. Zolotukhin</b> ( <i>Academician Pilyugin Center, Moscow, Russia</i> ) Influence of Parametric Uncertainty on Output Parameters of a Pendulum Accelerometer <b>Combined with Abstract 81 and submitted as Abstract 132</b>	



81.	<b>V.M. Nikiforov, A.A.Gusev, S.S. Zolotukhin</b> ( <i>Academician Pilyugin Center, Moscow, Russia</i> ) Extended Mathematical Model of Pendulum Accelerometer <b>Combined with Abstract 80 and submitted as Abstract 132</b>	
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